Shanghai Mitsubishi Elevator Co., Ltd.
Монгол дахь албан ёсны борлуулагч: "ОД МЕДИАТОР"
Холбогдох дугаар: +976- 99001718
+976- 86113106

SHANGHAI MITSUBISHI ELEVATOR CO., LTD.

www.smec-cn.com

SHANGHAI MITSUBISHI ELEVATOR

LEHY Series

Machine Roomless Passenger Elevator

LEHY-L-Pro

ШАЛГАРСАН ХҮЧИН ЧАДАЛ

• Ухаалаг аюулгүй ажиллагааны хяналт

• Ухаалаг мэдээлэл дамжуулалт

• Ухаалаг холболтын үйлчилгээ

ТОГТВОРТОЙ ЧАНАР

• Ухаалаг хүн-машины харилцаа

• Ухаалаг аюулгүй ажиллагааны функцууд

• Ухаалаг хуваарилалтын функц

УХААЛАГ БАС ДОТНО

• Шинэ үеийн тав тухтай зорчих дизайн

• Илүү өргөн хэрэглээний боломж

LEHY-L-Pro

LEHY Series

Machine Roomless Passenger Elevator

上上下下的享受

“Дээш доош зорчих шинэ туршлага”

ЕРӨНХИЙ

ЗАГВАР

ФУКЦУУД

ҮЗҮҮЛЭЛТҮҮД

Civil

Функцын танилцуулга ····· Р .3

Бүхээгийн нэгдсэн дизайн ····· Р. 13

Бүхээгийн таазны дизайн ····· Р.21

Хүн- машины бүрэлдэхүүн хэсгийн дизайн ····· Р.23

Танхимын дизайн ····· Р.29

Үзүүлэлтийн жагсаалт ····· Р.33

Үндсэн үзүүлэлтүүд ····· Р.37

QR кодыг уншуулан ELeCivil тэй танилцах ··· Р.37

LEHY-L-Pro

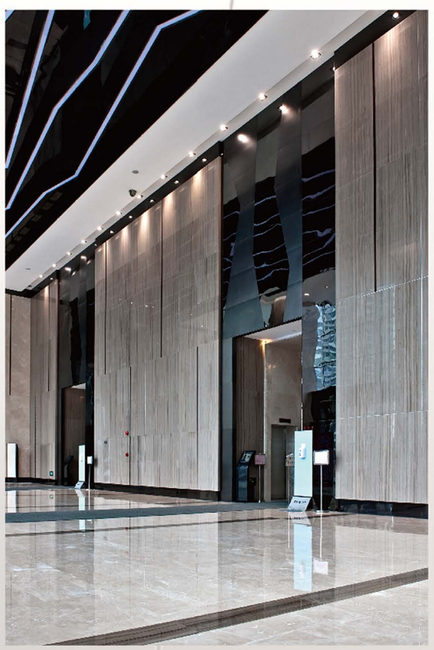
Онцгой Чадварлаг Ажиллагаа

Тодорхойлолтын өргөн хамрах чадвар

Их даацтай хүчин чадал: хамгийн их даац 2500 кг
Хурдан нэрлэсэн хурд: нэрлэсэн хурд 3 м/с хүртэл нэмэгдэнэ (1000–1600 кг)
Том кабинтай загвар: хамгийн их кабин өргөн 2200 мм, кабин гүн 2100 мм, орох хаалганы өндөр 2400 мм
Том хаалганы нээлт: хамгийн их хаалга нээх хэмжээ 1500 мм (CO)/1800 мм (2CO)
Их чимэглэлийн жин: хүчин чадал 1600 кг үед кабин доторх чимэглэлийн өндөр 3600 мм байх бөгөөд 600 кг хүртэл чимэглэлийн нөөц жинтэй

Өргөн хэрэглээний орчинд дасан зохицох чадвар

Олон төрлийн уламжлалт лифт загварууд: зорчигчийн лифтээс гадна эмнэлгийн зориулалттай лифт, аялал жуулчлалын (панорам) лифт, галын лифт, сервис лифт (толин кабинтай), далд өргөгчийн хийц бүхий тусгай бүтэцтэй лифт зэрэг орно.



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Онцгой Чадварлаг Ажиллагаа

Барилгын орон зайн хэмнэлт

Шинэчлэгдсэн хонгилын бүтцийн зохион байгуулалт болон нимгэн хаалганы машины хийцийн оновчлолын үр дүнд иргэний хэмжээ цогцоор сайжруулав.

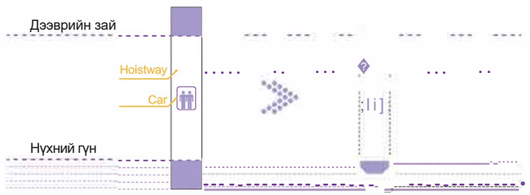
Барилгын хэмжээг цогцоор нь оновчтой болгосон үзүүлэлт

Даац: 1600 кг, хурд: 1 м/с, кабин өргөн: 1200 мм, кабин гүн: 1100 мм			
Хонгилын өргөн	Хонгилын гүн	Дээврийн зай	Нүхний гүн
2810	1945	**3650**	**1360**

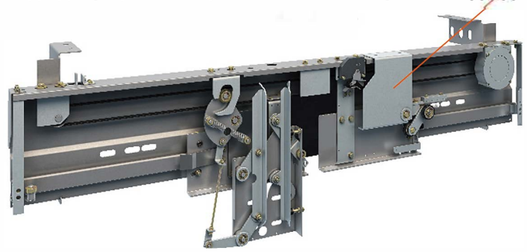
Даац: 2000 кг, хурд: 1 м/с, кабин өргөн: 2000 мм, кабин гүн: 2100 мм			
Хонгилын өргөн	Хонгилын гүн	Дээврийн зай	Нүхний гүн
2830	2445	**3650**	**1400**

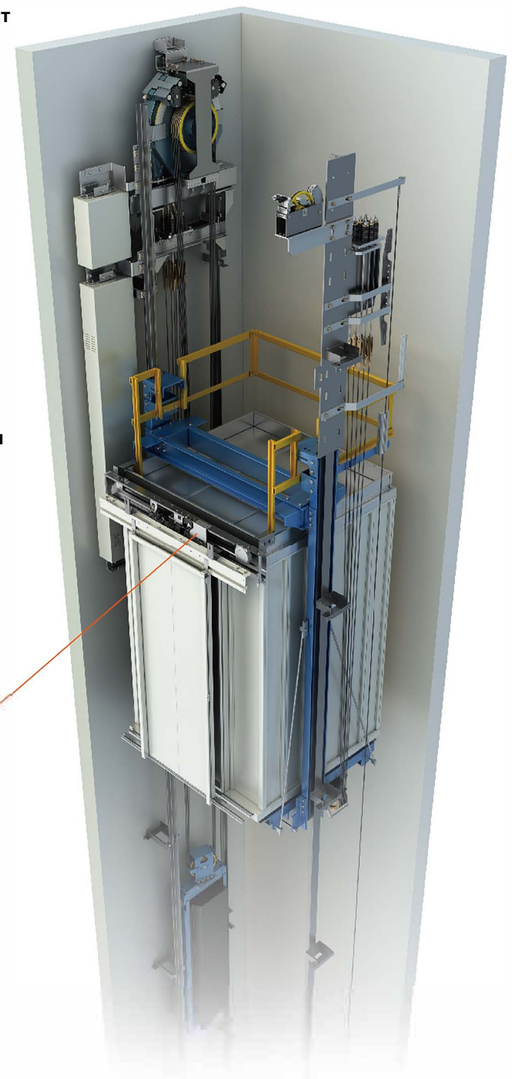
Тайлбар: оролтын хаалганы өндөр 2300 мм үед.

Босоо хэмжээ: SETS технологийг ашигласнаар нүхний гүн болон дээврийн өндрийг цаашид бууруулсан.



Супер нимгэн PM хаалганы машин: Суулгах зайг мэдэгдэхүйц багасгаж, хэвтээ талбайн хэрэгцээг бууруулна.





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Тогтвортой Чанар

Сэлбэг хэрэгслийн өндөр чанар

Салбарт тэргүүлэх дизайны стандарт

SMEC үйлдвэрлэлийн үндсэн бүрдэл хэсгүүд

Татлагын машин, удирдлагын самбар, хаалганы систем болон аюулгүй ажиллагааны бүрдэл хэсгүүдийн бүхэл багц нь SMEC-ийн оригинал бүтээгдэхүүн.

Салбарын дундаж стандартаас давсан ашиглалтын хугацаа ба эд ангийн бат бөх чанар

Үзүүлэлт	SMEC үзүүлэлт	Салбарын дундаж*
Татлагын машины ашиглалтын мөчлөг	1500	,.,700
Хаалганы системийн ашиглалтын мөчлөг	300	,.,z30
Кабины хаалганы ашиглалтын мөчлөг	1350	,.,500
Товчлуурын ашиглалтын мөчлөг	500	,.,300

Unit: ten thousand times

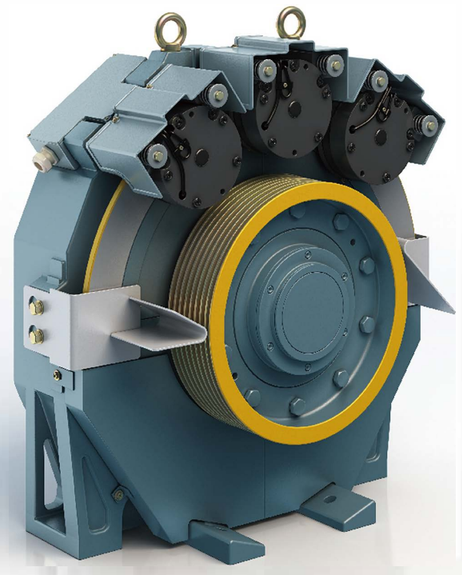
15 million times
-------=20 жил
365 өдөр x 2000 удаа/өдөр

*:Эдгээр өгөгдөл нь салбарын дундаж үзүүлэлт дээр үндэслэсэн.

Ten-Year QUALITY WARRANTY 10 十年质保 尊享无忧

Five core components + main components and safety protection devices
Enjoy 10 years or 6 million times of operation

*Гол эд анги, үндсэн бүрдэл хэсэг болон аюулгүй ажиллагааны төхөөрөмжид 10 жил эсвэл 6 сая удаагийн ажиллагааны баталгаат санал болгож байна.



Сонгодог-уламжлалт Татлагын Машин

- PM-ийн өндөр гүйцэтгэлтэй синхрон татлагын технологийг ашигласан бүрэн шинэчлэгдсэн бүтцийн систем
- Эдийн засгийн үр ашигтай цахилгаан хөдөлгүүр
- Тусгай үйлдвэрлэлийн технологиор дамжуулан машины найдвартай үйл ажиллагааг дэмждэг
- Илүү бат бөх, найдвартай ажиллагаа

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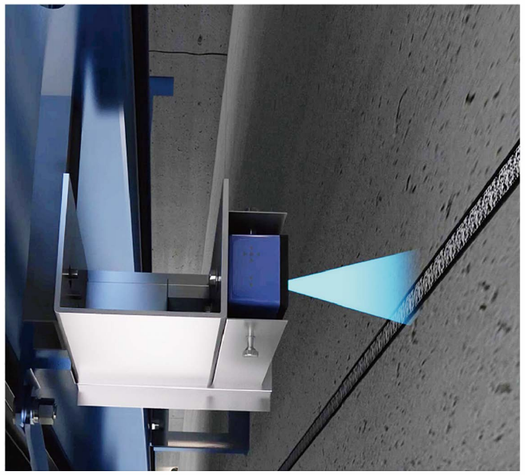
Тогтвортой Чанар

Өндөр аюулгүй байдал

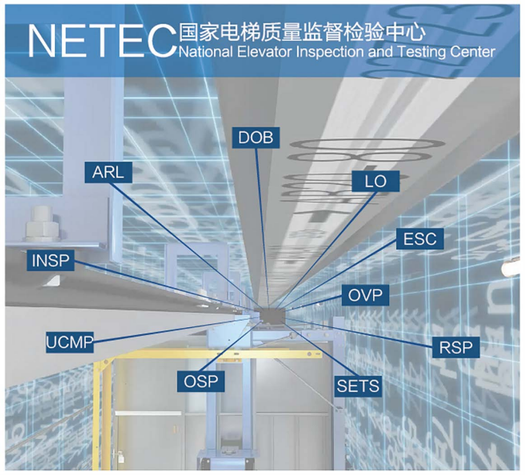
Абсолют Байршлын Мэдрэгч Систем

Өндөр нарийвчлалтай байрлал мэдрэгчийн систем нь “алдагдал” үзэгдлийг арилгаж, лифтийн замбараагүй байршил, аюулгүй байдлын эрсдэлийг мэдэгдэхүйц бууруулдаг.Түвшний тохируулгын нарийвчлал ±5 мм дотор хянагдана.



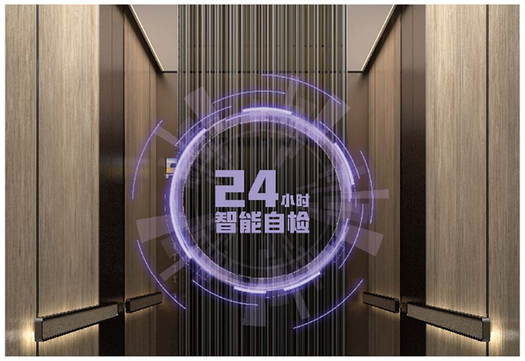
Шинэ үеийн Электрон Аюулгүй Ажиллагааны Систем

Гурван давхар хамгаалалтын бүрэн систем ба технологийн шийдлээр илүү нарийн тогтвортой байршил тогтоолт



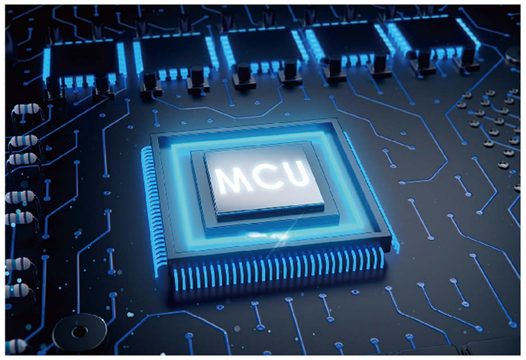
Ухаалаг Өөрийгөө Шалгах Функц

- Төхөөрөмжийн ашиглалтын байнгын төлөвийг ухаалгаар хянадаг
- Алдааны мэдээллийг цаг алдалгүй гаргаж, засвар үйлчилгээний үр ашгийг нэмэгдүүлдэг
- Лифт ашиглалтын аюулгүй байдлыг 24 цагийн турш хамгаална



Өндөр гүйцэтгэлийн хоёр цөмтэй MCU ба бие даасан физик холбооны суваг

Хоёр цөмт шинэчлэгдсэн MCU нь тооцоолол, хяналтын найдвартай ажиллагааг сайжруулж, бие даасан холбооны суваг нь системийн тогтвортой байдал, мэдээллийн найдвартай дамжуулалтыг нэмэгдүүлнэ. Мөн Лифтийн нийт аюулгүй ажиллагааны гүйцэтгэлийг бүрэн сайжруулдаг



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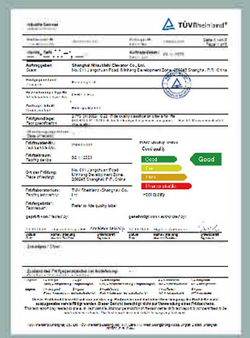
Тогтвортой Чанар

Тав тухтай Зорчилт



Бүхээг доторх тав тухын сайжруулалт

- Германы Fraunhofer Институтээс хийсэн эрчим хүчний шинжилгээгээр лифтийн аяллын тав тух,
- зөөлөн хөдөлгөөний үзүүлэлтүүдийг баталгаажуулсан.

Дуу чимээ ба доргилтын индекс нь Fraunhofer-ийн стандартын дагуу өндөр түвшинд нийцдэг.

- **Татлагын машины оновчтой бүтэц**
- Халалт үүсэхийг багасгасан шинэ бүтцийн шийдлээр тракшн машины дулааны үр ашгийг 50%
- сайжруулсан.

Ашигласан шинэ материал болон гол технологи нь дуу чимээг мэдэгдэхүйц бууруулдаг.

Татлагын машины бүтцийн шинэчлэл нь илүү тогтвортой ажиллагаа бий болгоно.

Доргилтын тусгаарлах системийн оновчтой дизайн

Чичиргээ ба доргилтыг тусгаарлах сайжруулсан систем нь кабинд дамжих доргилтыг мэдэгдэхүйц бууруулж, зорчигчийн ая тухыг сайжруулдаг.

Кабины тулгуур болон бэхэлгээний системийг оновчтой болгосноор замын гулгалт, дуу чимээ, кабины савлагааг бууруулсан.

Хөтлүүрийн хяналтын системийн оновчлол

Хөтлүүрийн удирдлагын бүрэлдэхүүн хэсгүүд нь импульсийн удирдлагаар илүү нарийн хянагддаг бөгөөд энэ нь эхлэх/зогсох үеийн зөөлөн ажиллагааг хангана.

Параметрийн хяналтын системийн сайжруулалт нь илүү нарийн хурдны тохируулга, гүйцэтгэлийг өгдөг

Чимээгүй Тоормосны Технологи

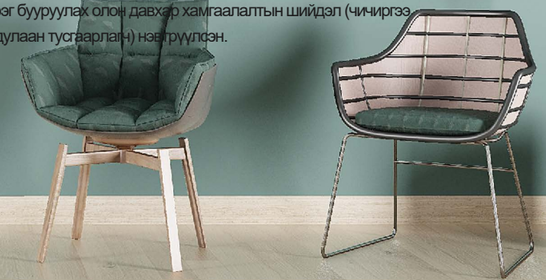
Шинэчлэгдсэн тоормосны хийц нь тоормослох үеийн дуу чимээг их хэмжээгээр бууруулсан

Тоормосны хавчаарын контакт гадаргуунд шинэ материал ашигласнаар дуу чимээний түвшин 5 дБ-аар багассан. Тоормосны ажиллагаа илүү зөөлөн, нэгэн жигд болдог

Өрөөний дуу чимээний эсрэг шийдлүүд

Агаарын урсгал, кабин доторх дуу чимээг шүүх тусгай бүтэц, багасгагч техөөрөмжүүдийг ашигласан.

Машины өрөө, кабин доторх дуу чимээг бууруулах олон давхар хамгаалалтын шийдэл (чичиргээ тусгаарлагч, дуу шингээгч материал, дулаан тусгаарлагч) нэвтрүүлсэн.



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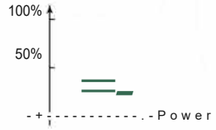
Тогтвортой Чанар

Дуу чимээ багатай Эрчим Хэмнэлт ба Байгаль орчны хамгаалалт

DC-DC Дижитал Цахилгаан Хангамжийн Систем

•Харьцангуй уламжлалт эрчим хүчний шийдлээс 20%-иар илүү эрчим хүч хэмнэнэ.

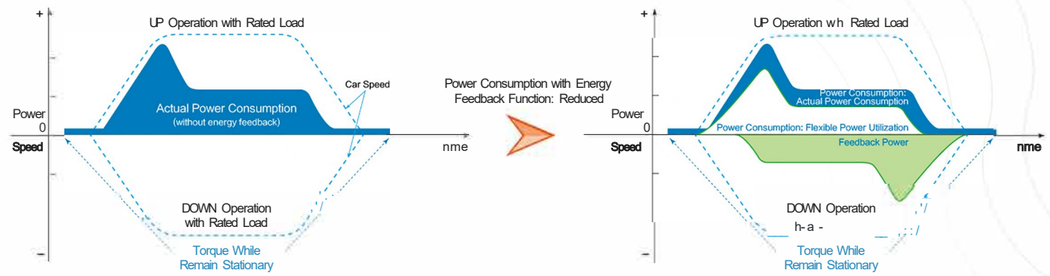
•Нарийн тохируулгатай цахилгаан хангамжийн удирдлагаар дамжуулан тогтвортой ажиллагааг хангана.



Эрчим хүч сэргээх систем (Сонголтоор)

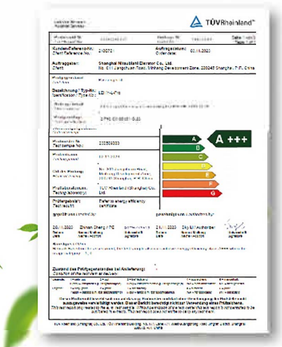
Эрчим хүчний нөхөн сэргээх төхөөрөмжтэй бол эрчим хүчний хэрэглээг 30%-иар хэмнэнэ.

Ачааны буух үед үүсэх кинетик энергийг сүлжээнд буцаан оруулж ашиглаж болдог



Эрчим хэмнэх горим

• Гэрэлтүүлэг, дотоод удирдлага, сэнсний ажиллагааг ухаалаг горимоор удирдаж эрчим хүчний хэрэглээг бууруулах ба ачаалалгүй үед автоматаар унтарч, эрчим хүч хэмнэнэ. Хэрэв өдөрт 8 цаг ажиллавал жилд 700 кВт.ц хүртэл хэмнэлт гарна.



Бүх машинд зориулсан Эрчим Хэмнэлтийн Гэрчилгээ

• TÜV (Герман)-ийн сэргээгдэх эрчим хүчний стандарт болох VDI 4707 болон ISO 25745 стандартын хамгийн өндөр түвшинд бүрэн нийцсэн.

LEHY-L-Pro

Ухаалаг ба Дотно

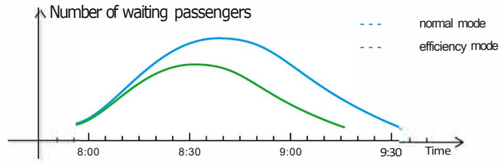
Зорчигчдын цагийг илүү хэмнэх шийдэл

Үр ашигтай Режим

Нэг лифтийн 5 минутын тээврийн хүчин чадлыг 20%-иас дээш нэмэгдүүлнэ.

5 минутын тээврийн хүчин чадал

зорчигчдын хүлээлгийн тоо, танхимын урсгалын “S-муруй”



Тестийн нөхцөл: 9давхар барилга, 9 зогсоол, кабин даац 1050 кг, 1.75 м/с, давхарын өндөр 3,3м , үр ашиг 24,82% нэмэгдэнэ

Бүлгийн удирдлагын алгоритм

Ухаалаг нейрон сүлжээний алгоритм нь зорчигчдын урсгалын өгөгдлийг урьдчилан таамаглаж, хамгийн оновчтой бүлгийн удирдлагын шийдлийг санал болгодог.

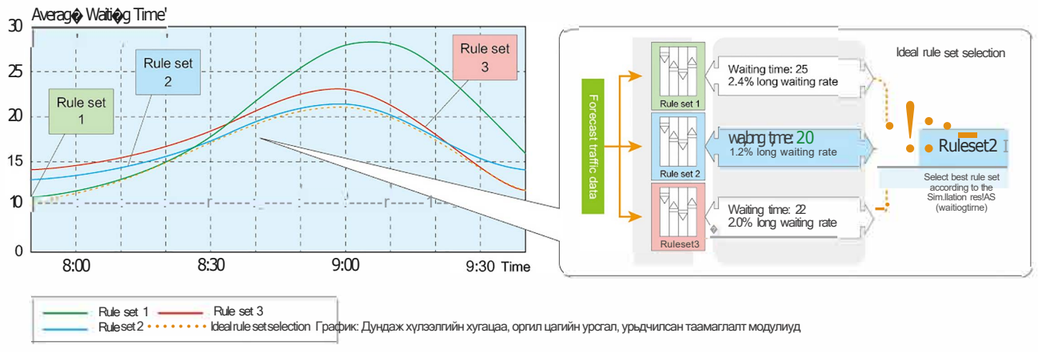
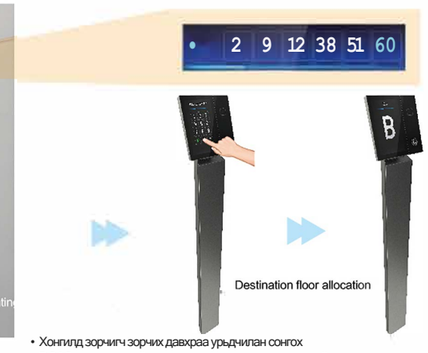


График: Дундаж хүлээлгийн хугацаа, оргил цагийн урсгал, урьдчилсан таамаглалт модулиуд

DOAS – Зорчигчийн урьдчилан сонголттой систем

DOAS системийн тусламжтайгаар лифтний блокийн хамгийн их тээврийн хүчин чадлыг 30%-иар нэмэгдүүлнэ.



- Хонгилд зорчигч зорчих давхраа урьдчилан сонгох
- DOAS технөөрөмжийн дэлгэцэн дээр давхар сонголт хийх
- Хамгийн оновчтой лифт руу хуваарилах

LEHY-L-Pro

Ухаалаг ба Дотно

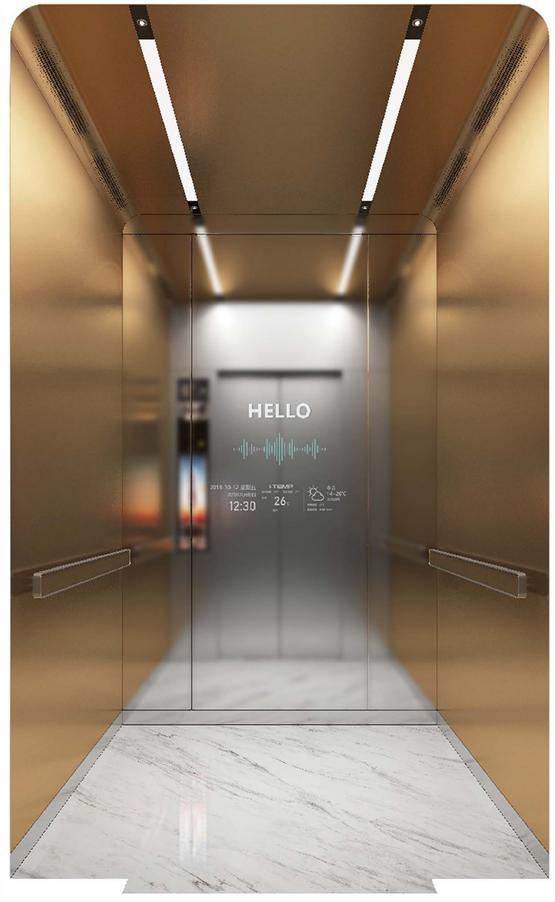
Илүү тансаг дизайн

Урьдчилан үйлдвэрлэсэн гоёлын олон сонголт

IP10–P120 хүртэлх өргөн хэмжээний гоёлын хавтан, материал, өнгөний сонголтууд нь соврем, минимал, орчин үеийн интерьер дизайны чиг хандлагад тохирсон төрөлжсөн шийдлүүдийг бий болгодог.

Найдвартай, анхны захиалгат үйлдвэрлэл

Тусгай захиалгат үйлдвэрлэл нь OEM–ийн хүчин чадлаар хангагдаж, үйлдвэрлэлийн бүх шатанд бүрэлдэхүүн хэсгүүдийн нарийвчлал, материалын нийцлийг баталгаажуулна. Үүний үр дүнд интерьерийн бүхэллэг хэв маягийг жигд болгож, хэрэглэгчийн ерөнхий хэв загварт бүрэн тохирно. (Доорх зураг: Захиалгат гоёлын интерьер бүхий кабин)



LEHY-L-Pro

Ухаалаг ба Дотно

Эзэмшигчдийн хараанд илүү таатай мэдрэмж

Олон эрхийн түвшин ба олон горимт ухаалаг зорчих туршлага

Царай таних

Дуу хоолой таних

Хөвөгч үйлдлийн товчлуур

Хөл мэдрэгч

IC картаар нэвтрэлт

Fast Green Channel

Онцгой дуудлага болон яаралтай зорчих хэрэгцээг хангах зорилготой.

• VIP болон тусгай эрхтэй зорчигчид танигдмагц шууд давхрын хуваарилалт хийгдэнэ.
• Зорчигчийн зуршил, хандлага, давтамж, цагийн зурвасыг таньж, түүнд тохирсон автоманис удирдлагын алгоритм ашиглан үйлчилгээ үзүүлнэ.
• Илүү хурдан хариулах хугацаа, давхарын шууд сонголт, илүү дээд зэрэглэлийн ухаалаг VIP үйлчилгээ.

Дуудлагын интерфейс

Нээх интерфейс

LEHY-L-Pro

Smart and Intimate

Greater Feast to Owners’ Eyes

Personalized Customization Leading to Diversified Screens

Full touch screen operation panels in various sizes with outstanding appearance and excellent performance

EMIDS multimedia screen with rich interaction information and convenient setting and publishing

Call Linkage Interface

Safe and quick linkage between indoor and access control call, intelligent and convenient linkage between robot and elevator call, customizable passenger flow solutions and building management systems

- Private Call
- Advance Call
- Elevator Waiting for Passengers
- Contactless Button

LEHY-L-Pro

Кабины Нэгдсэн Загвар

Shanghai Mitsubishi-гийн бүтээсэн дизайны давуу талууд

1. Нарийн инженерчлэл ба мэргэжлийн тооцоолол

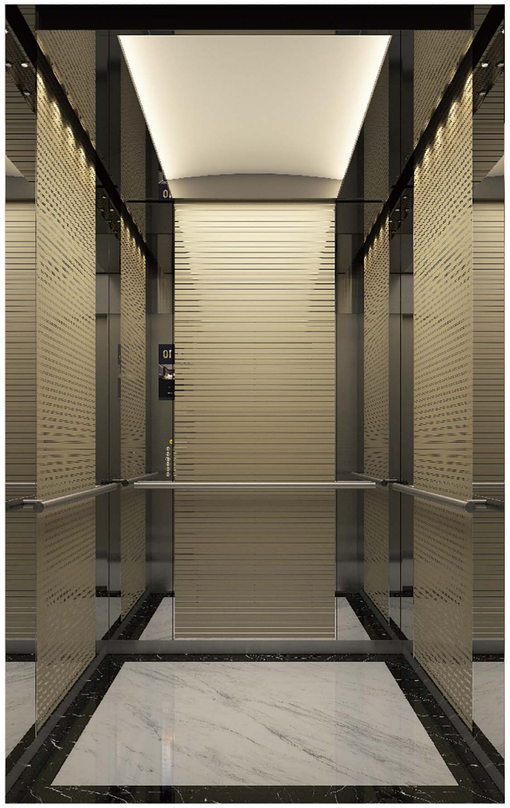
Олон улсын стандартын дагуу мэргэжлийн инженерийн тооцоо, туршилт хийгдсэн. Shanghai Mitsubishi-ийн дизайнер баг нь үзэмж, ашиглалт, аюулгүй ажиллагаа, бат бөх чанарыг нэгтгэсэн өндөр түвшний интерьер шийдлүүдийг боловсруулдаг. Кабины дизайн нь өнгө, материал, гэрэлтүүлэг, шугамын зохицол, орон зайн уялдаа зэрэгт тулгуурлан тэгс хэмнэлтэй орчинг бүрдүүлдэг.

2. Стандарт шаардлага болон аюулгүй ажиллагаанд нийцсэн

Хэрэглэгчийн хэрэгцээ болон олон улсын стандартуудыг бүрэн хангана.Кабины материал болон бүтцийн бүрдэл хэсгүүд нь хатуу туршилтаар баталгаажсан. Галын аюулгүй байдал, механик бат бөх чанар, элэгдэлд тэсвэртэй байдлын шаардлагуудыг бүрэн хангасан.

3. Урт хугацааны тогтвортой чанар

Shanghai Mitsubishi-ийн олон жилийн туршлагад тулгуурласан инженерчлэл, материалын нэгдсэн шийдэл нь кабинд олон жилийн турш өнгө үзэмж, бат бөх байдлыг хадгалах боломж олгодог. Зураас-тэсвэртэй ган, удаан эдэлгээтэй хавтан материал, нарийн хийцтэй өнгөлгөө нь кабины ашиглалтын насыг мэдэгдэхүйц уртасгадаг.



ZCD-020X

Тааз
ZCL-GS17

Арын хана
Хоёр тал: Толин өнгөлгөөтэй зэвэрдэггүй ган
Төв : Сийлбэрлэн будсан зэвэрдэггүй ган, толин өнгөлгөөтэй (EHF-005)

Хажуу хана
Хоёр тал: Толин өнгөлгөөтэй зэвэрдэггүй ган
Төв : Сийлбэрлэн будсан зэвэрдэггүй ган, толин өнгөлгөөтэй (EHF-005)

Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул (ZTH-954G)

Шал
Чулуун хээтэй шал (ZSC-012)

ZCD-022X

Тааз
ZCL-GS08

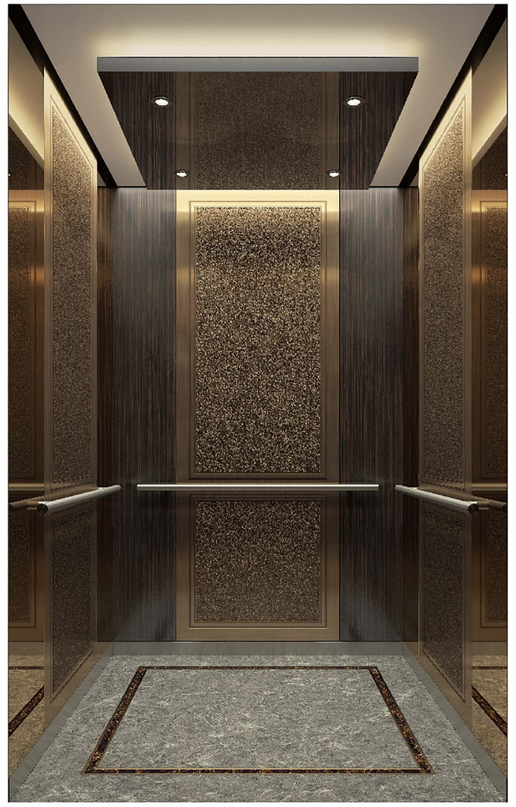
Арын хана
Хоёр тал: Давхарласан ган хавтан (ZYM-016)
Төв : Сийлбэрлэн будсан зэслэг бүрээстэй зэвэрдэггүй ган, толин өнгөлгөөтэй (ZHF-002)

Хажуу хана
Хоёр тал: Титан бүрсэн зэвэрдэггүй ган, толин өнгөлгөөтэй (ZDT-006)
Төв : Сийлбэрлэн будсан зэслэг бүрээстэй зэвэрдэггүй ган, толин өнгөлгөөтэй (ZHF-002)

Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул (ZYH-RH05)

Шал
Чулуун хээтэй шал(ZSC-014)

Scan the QR code to view the real-mage of the car



The picture is a schematic rendering. The size and appearance may vary according to actual specification and configurations.

ZCD-039T

Тааз
ZCL-GS18

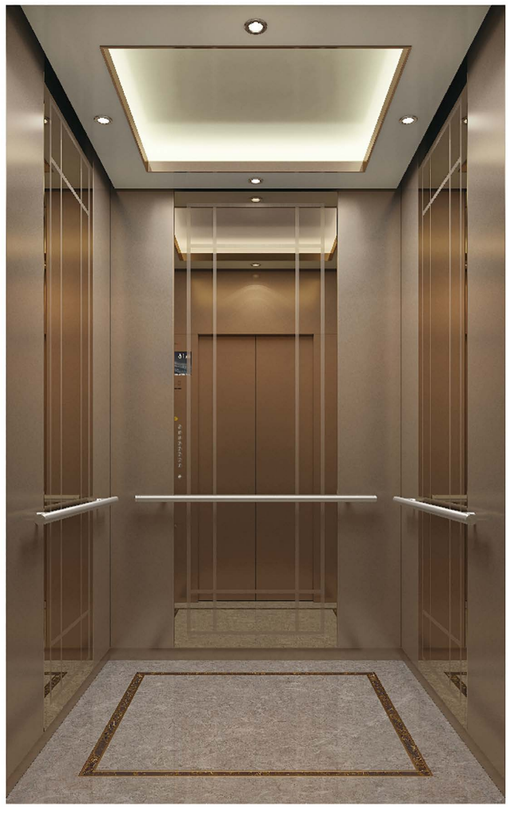
Арын хана
Хоёр тал: Титан бүрсэн зэвэрдэггүй ган, толин өнгөлгөөтэй (ZDT-004)
Төв : Давхарласан ган хавтан (ZTM-056)

Хажуу хана
Давхарласан ган хавтан (ZYM-018)

Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул (ZYH-RH05)

Шал
Чулуун хээтэй шал (ZSC-014)

Scan the QR code to 'Mf',V the real-image of the car



ZCD-040T

Тааз
ZCL-GS18

Арын хана
Хоёр тал: Хээтэй титан бүрмэл зэвэрдэггүй ган (ZDT-506)
Төв : Бүрсгэр титан бүрмэл зэвэрдэггүй ган (ZLS-002+ZDT-006)

Хажуу хана
Хоёр тал: Хээтэй титан бүрмэл зэвэрдэггүй ган(ZDT-506)
Төв : Бүрсгэр титан бүрмэл зэвэрдэггүй ган(ZLS-002+ZDT-006)

Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул (ZYH-RH05)

Шал
Чулуун хээтэй шал (ZSC-014)

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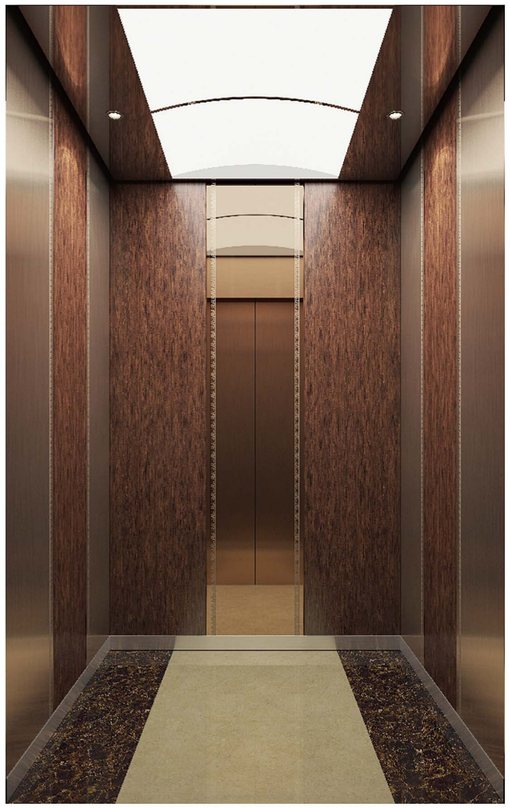


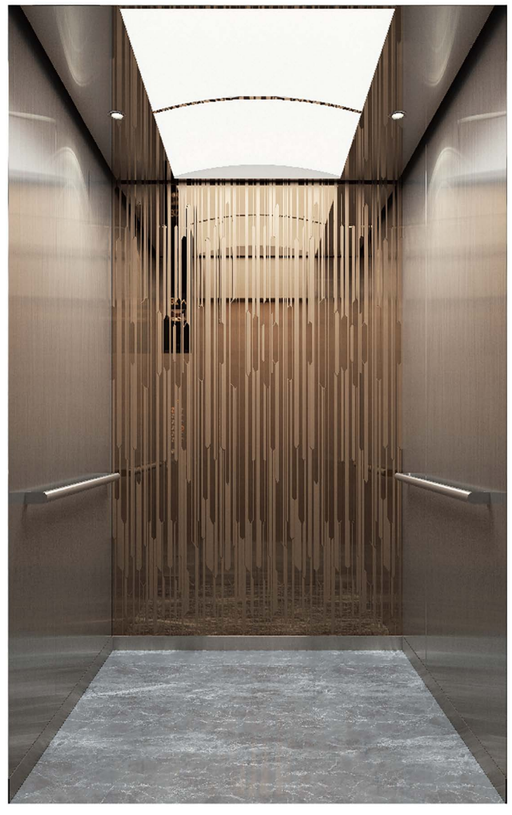
ZCD-021X

Тааз
ZCL-GS22

Арын хана
Хоёр тал: Давхарласан ган хавтан(ZYM-001}
Төв: Сийлбэртэй хэв маягтай зэвэрдэггүй ган, толин өнгөлгөөтэй (ZHY-027+ZDT-001)

Хажуу хана
Хоёр тал: Титан бүрсэн зэвэрдэггүй ган, зураасан өнгөлгөөтэй (hairline-finish) (ZHY-028+ZDT-001)
Төв: Давхарласан ган хавтан (ZYM-001)

Шал
Чулуун хээтэй шал(ZSC-013)



ZCD-022T

Тааз
ZCL-GS22

Арын хана
Сийлбэртэй зэвэрдэггүй ган, толин өнгөлгөөтэй (ZPS-002+ZDT-001)

Хажуу хана
Зэвэрдэггүй ган, зураасан өнгөлгөөтэй (hairline-finish)

Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул (ZYH-RH06)

Шал
Чулуун хээтэй шал(ZSC-029)

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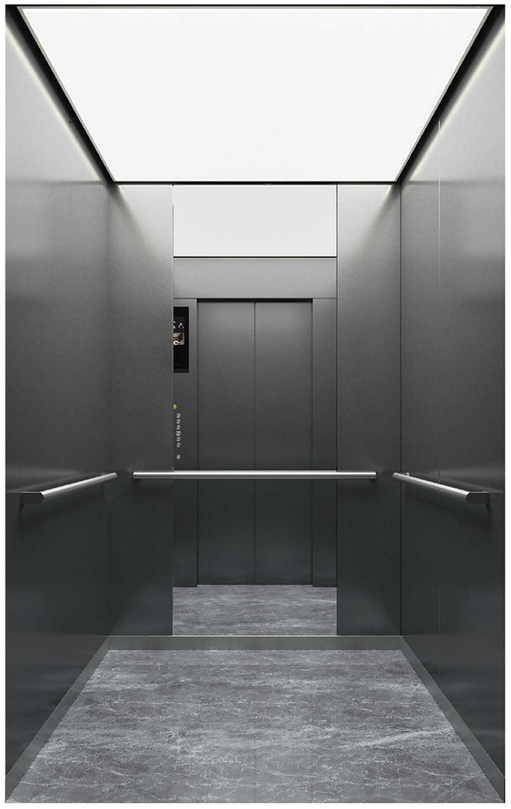
The picture is a schematic rendering. The size and appearance may vary according to actual specification and configurations.



ZCD-025G

Тааз
ZCL-GS06

Арын хана
Хоёр тал: Зэвэрдэггүй ган, зураасан өнгөлгөөтэй
Төв: Зэвэрдэггүй ган, толин өнгөлгөөтэй

Хажуу хана
Хоёр тал: Зэвэрдэггүй ган, зураасан өнгөлгөөтэй
Төв: Зэвэрдэггүй ган, толин өнгөлгөөтэй

Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул (ZYH-RH06)

Шал
PVC паркет шал (ZPH-034)

Scan the QR code to view the real image of the car

ZCD-030G

Тааз
ZCL-DN02

Арын хана
Хоёр тал: Хээтэй титан бүрмэл зэвэрдэггүй ган (хурууны хээ үлддэггүй)(ZDT-505)
Төв: Зэвэрдэггүй ган, толин өнгөлгөөтэй

Хажуу хана
Хээтэй титан бүрмэл зэвэрдэггүй ган (хурууны хээ үлддэггүй)(ZDT-505)

Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул (ZYH-RH06)

Шал
Чулууэ хээтэй (ZSC-029)

ZCD-041T

Тааз
ZCL-GN07

Арын хана
Хоёр тал:Сийлбэртэй зэвэрдэггүй ган (ZYH-002)
Төв: Зэвэрдэггүй ган, толин өнгөлгөөтэй

Хажуу хана
Сийлбэртэй зэвэрдэггүй ган (ZYH-002)

Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул (ZYH-RH06)

Шал
Чулуун хээтэй шал (ZSC-001)

Scan the QR code to view the real image of the car

ZCD-042T

Тааз
ZCL-GN07

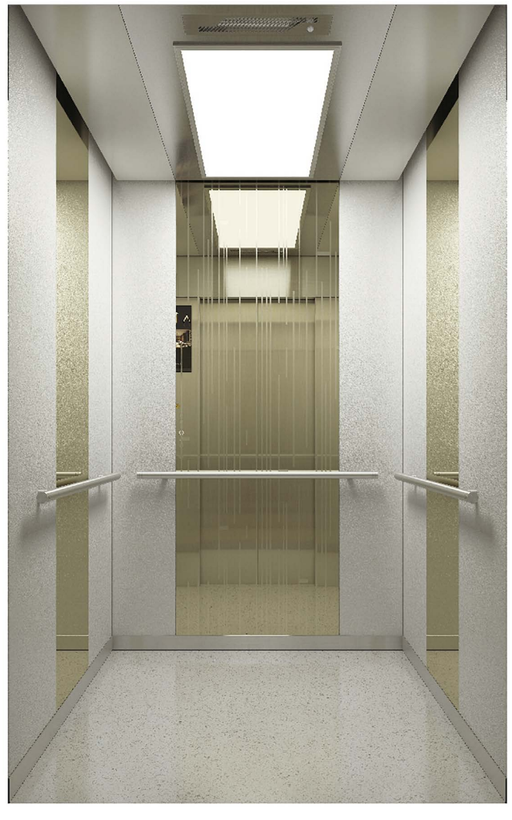
Арын хана
Хоёр тал: Давхарласан ган хавтан (ZYM-020)
Төв: Сийлбэртэй титан бүрсэн ган, толин өнгөлгөөтэй (ZPS-003 +ZDT-004)

Хажуу тал
Хоёр тал: Давхарласан ган хавтан(ZYM-020)
Төв: Титан бүрсэн зэвэрдэггүй ган, толин өнгөлгөөтэй (ZDT-004)

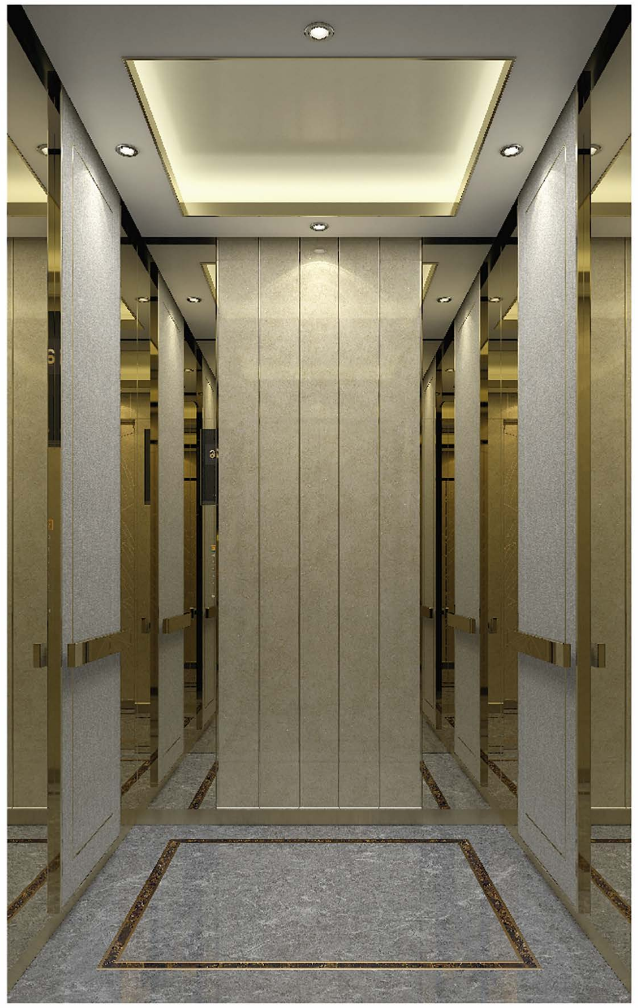
Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул (ZYH-RH05)

Шал
Хиймэл чулуу (ZRZ-A03)

Scan the QR code to view the real image of the car



The picture is a schematic rendering. The size and appearance may vary according to actual specification and configurations.



ZCD-036X

Тааз
ZCL-GS18

Арын хана
Ȼɔɦɖ ɘɆɑ: ɒɎɘɆɓ ɇȭɗɗɣɓ ɍɣȜɣɖQɣј̇ȷ̇ȭɏ јɆɓ, ɘɔɑɎɓ ̣ɓј̇ ̣ɑј̇ ̣ɘɣɣ (ZDT-004)
ɗ ̣ ȷ: Ƚɑɑɘɓ ɛɣɣ ɇɔɑɔɓ ɗɘQɆɑɘɆɏ (ZSC-A27+ZYJ-004)

Хажуу хана
Ȼɔɦɖ ɘɆɑ: ɒɎɘɆɓ ɇȭɗɗɣɓ ɍɣȜɣɖQɣј̇ȷ̇ȭɏ јɆɓ, ɘɔɑɎɓ ̣ɓј̇ ̣ɑј̇ ̣ɘɣɣ (ZDT-004)
ɗ ̣ ȷ:ȬɆȜɛɆɗɑɆɗɆɓ јɆɓ ɛɆȜɘɆɓ, ɍɑɗɆɆɗɆɓ ̣ɓј̇ ̣ɑј̇ ̣ɘɣɣ (ZNH-001 +ZY J-004)

Бариул
ȻɆȜɘјɆɏ ɛɣɑɇɣɗɎɣɓ ɘɎɘɆɓ-ɛɆɏɑ ɢ ɇɆɗɎɑɑ ɇɆ ɘɣј̇ ɕ ̣ɓɜ ̣јɘ ɛɣɑɇɣɗɎɣɓ јɆɓ ɇɆɗɎɑɑ ZYH-SH02 (ZDT-504)

Шал
Ƚɑɑɘɓ ɛɣɣɘɣɣ ɢɆɑ (ZSC-014)

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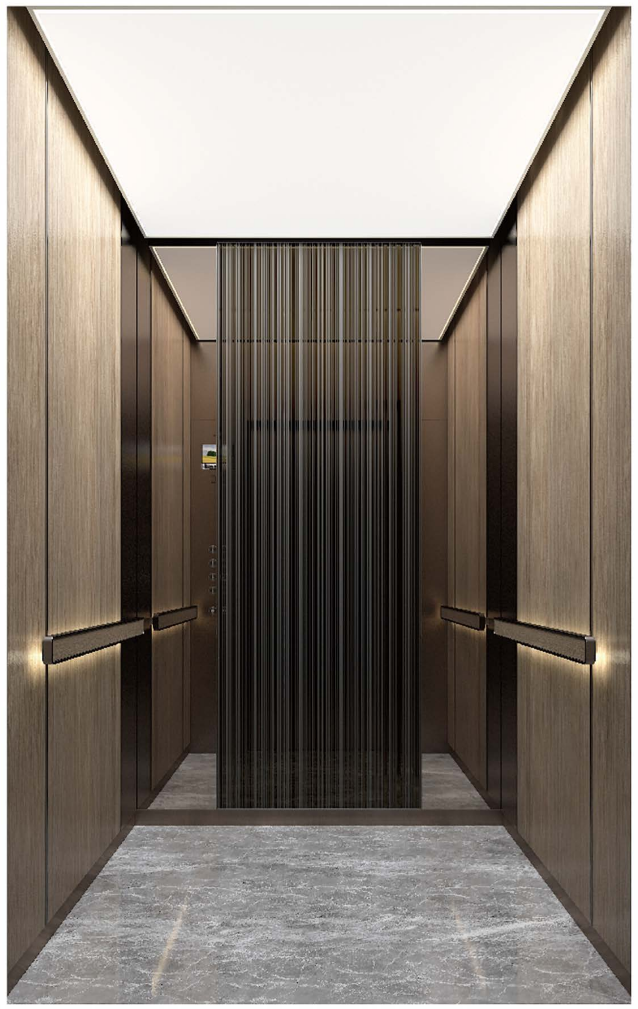


ZCD-032G

Тааз
ZCL-DN02

Арын хана
Ȼɔɦɖ ɘɆɑ: Титан бүрсэн зэвэрдэггүй ган, толин өнгөлгөөтэй (ZDT-007)
ɗ ̣ ȷ: Шил болон зурааснууд (ZBL-01 0+ZY J-003)

Хажуу хана
Ȧɖ : Хурууны мөр үлдэхгүй титан бүрсэн ган (ZDT-507)
Төв болон урд тал: Давхарласан ган хавтан ба сийлбэртэй ган хавтан
(ZYM-021 +ZYJ-003}

Бариул
Ȼɔɗ Qɘјɘɏ ɛɣɑɇɣɗɎɣɓ јɆɓ ɇɆɗɎɑɑ ZYH-FH03L (ZYM-021 +ZDT-503)

Шал
Ƚɑɑɘɓ ɛɣɣɘɣɣ ɢɆɑ (ZSC-A25)

Scan the QR code lo view the , -imclge of the car

ZCD-031G

Тааз
ZCL-GS21

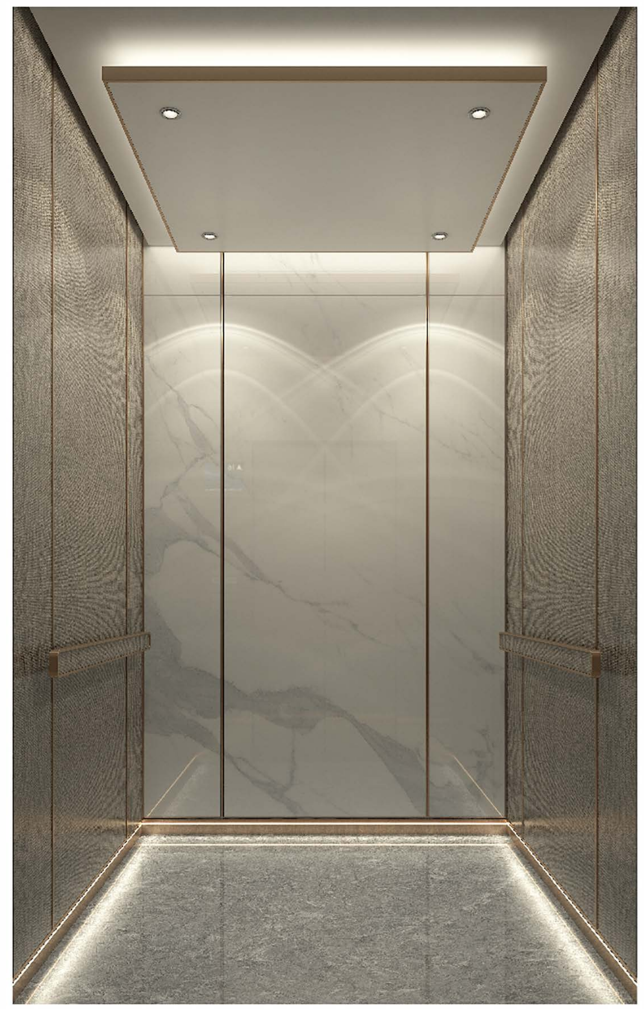
Арын хана
Хоёр тал: Титан бүрсэн зэвэрдэггүй ган, толин өнгөлгөөтэй (ZDT-006)
Төв: Шил болон судлууд (ZBL-009+ZY J-001)

Хажуу хана
Хоёр тал: Титан бүрсэн зэвэрдэггүй ган, толин өнгөлгөөтэй (ZDT-006)

Бариул
Дугуй хэлбэрийн зэвэрдэггүй ган бариул, ZVH-RH05 (ZDT-506)

Шал
Хиймэл чулуун шал(ZRZ-A03)

Scan the QR COOe to view the real-image of the car



ZCD-033G

Тааз
ZCL-GS21

Арын хана
Нимгэн керамик хавтан болон судлууд (ZRZ-A05+ZYJ-001)

Хажуу хана
Давхарласан ган хавтан болон судлууд (ZTM-055+ZYJ-001)

Бариул
Хоёр талтай бариул ZYH-FH03 (ZTM-055+ZDT-506)

Шал
Чулуун хээтэй шал (ZSC-A08)

Scan the QR code to view the re -imctge oflhe ca,

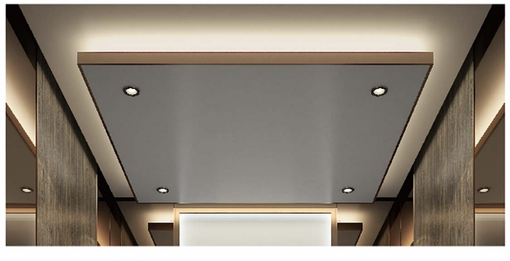
The picture is a sdlematic rendering. The size and appearance may vary according to actual specmcation and configurations.

Лифтний Кабины Таазны Дизайн

ZCL-GS24 (Конголтоор)

Гэрэлтүүлэг: Хажуугийн гэрэлтүүлэг + хөндлөн LED гэрэлтүүлэг
Материал: Зэвэрдэггүй ган, hairline өнгөлгөө; сийлбэртэй будсан ган хавтан
Зузаан: 20 мм

ZCL-GS21 (Конголтоор)



Lighting: ambient floodlight lighting, central down light direct lighting
Material: central painted steel plate, Titanium-coated hairline stainless steel frame
two-side painted steel plate
Thickness: 200mm

ZCL-GS08 (Конголтоор)

Lighting: ambient floodlight lighting, central down light direct lighting
Material: central mirror stainless steel, ambient Painted steel plate
Thickness: 200mm

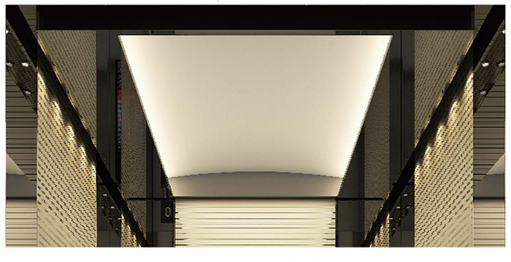
Z CL -G S 18 (Конголтоор)

Lighting: central floodlight lighting, ambient down lamp lighting
Material: Coated steel sheets for ceilings at four sides;
mirror-finish titanium stainless steel for frames
Thickness: 200mm

ZCL -GS22 (Конголтоор)

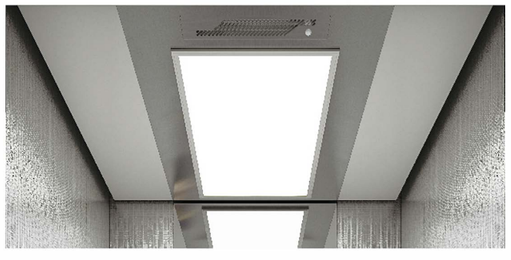
Гэрэлтүүлэг: Нуман гэрлийн тууз + хажуугийн LED гэрэлтүүлэг
Материал: Зэвэрдэггүй ган, hairline өнгөлгөө; сийлбэртэй чимэглэлт хавтан
Зузаан: 20

ZCL -GS 17 (Конголтоор)



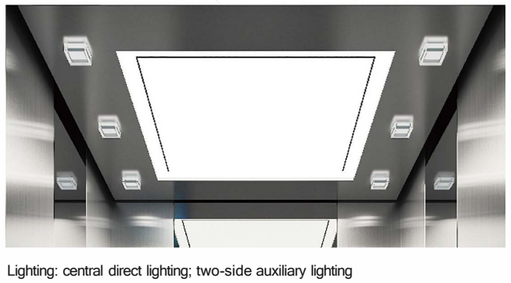
Lighting: two-side down lamp lighting, central floodlight lighting
Material: mirror stainless steel
Thickness: 200mm

ZCL -GN07 (Конголтоор)



Lighting: direct lighting provided by central light guide panel
Material: central hairline stainless steel; two-side painted steel plate
Overall hairline stainless steel
Thickness: 100mm

ZCL -GS06 (Конголтоор)

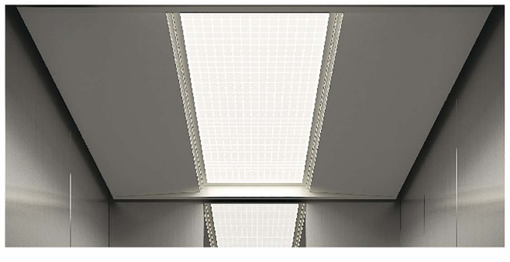


Lighting: central direct lighting; two-side auxiliary lighting
Material: central milk whtte printed lighting board, ambient metallic
painting steel sheet, translucent plates on both sides
Thickness: 200mm

ZCL -SS 12(Стандарт)

Гэрэлтүүлэг: Дугуй хэлбэрийн доош тусах гэрэлтүүлэг
Материал: Зэвэрдэггүй ган, powder-coated хавтан
Зузаан: 15 мм

ZCL -SS08(Стандарт)



Lighting: central direct lighting
Material: central milk white printed lighting board, two-side coating steel sheet
Thickness: 200mm

ZCL -SS10(Стандарт)

Lighting: central thin light guide panels; ambient lighting at two sides
Material: coating steel sheet
Thickness: 100mm

ZCL -SSO?S (Конголтоор)

Lighting: down light direct lighting
Material: hairline stainless steel
Thickness: 100mm

ZCL-CN01 (S200) (Bare Ceiling)

When the ceiling decoration is provided by others, the thickness should be ;, 100mm, otherwise the internal structure will be exposed and affect the appearance.

ZCL-CN08 (S300) (Bare Ceiling)

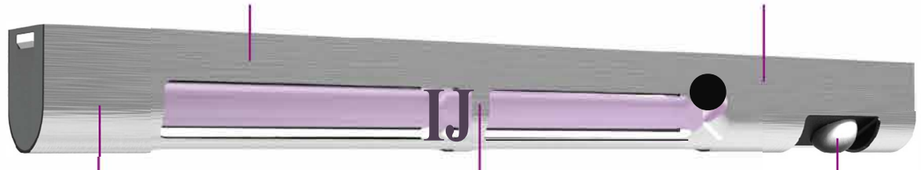
When the ceiling decoration is provided by others, the thickness should be ;, 200mm, otherwise the internal structure will be exposed and affect the appearance.

Note:
1. All car rò fs adopt LED lighting.
2. The ventilation outlet of car roof is arranged at the back of the two sides. Safety windows are optional at the car top, but shall comply with GB 7588 and GB/T 7588.1. For details, please contact your local sales agent.
3. 2Y015 is the default color number for ZCL-SS 10, ZCL-GN07 and ZCL-GS21, and Y033 for ZCL-SS08, ZCL-SS07 and ZCL-GS 18. If other colors are required for coated steel sheets, please refer to the color samples provided by SMEC.
4. Intelligent LED lighting system

Intelligent UV light Sterilization Lamp (Optional)

Effective and Powerful Sterilization
Operating on the surface of control box and handrail for 12min can kill over 99% of Escherichia Coli.
(data calculated by 1050 kg car)

Easy Installation and Modification
Screws are installed in holes drilled on the car ceiling and the power control lines on the lighting 'Hiring terminal.



Appearance Design
The protective housing, mounted in side front of the ceiling in not abrupt way, can not only transmit light, but also protect the tube.

Functional Design
Users can switch between 'Normal' mode and 'Boost' mode, control the mode and power switch with a remote control. The indicator give indications of information like mode, fault, replacement of a tube, etc.

Dual Safety Protection
It start only the elevator entering sleep-mode and lighting is off and lighting lamp go out; it will shut down **as soon as the infrared sensor detects any person.**

The picture is a schematic rendering. The size and appearance may vary according to actual specmcation and configurations.

LEHY-L-Pro

Human-machine Component

1. Full-height car operating panel

The car operating panel is of the same height as and integrated with the front return panel, looking splendid.

2. LCD touch screen operating panel

Industrial touch screen panel is used, offering stability and reliability. With a size up to 28 inches, it is visually stunning, and has a well-designed interface, bringing exceptional operating experience to users.

3. EMIDS

The new-generation EMIDS is longitudinally arranged, thus a larger display can be installed on a smaller front return panel. With a newly-designed black gold interface and brand new PI, it looks low key yet luxurious and dynamic.

4. Brand new PI

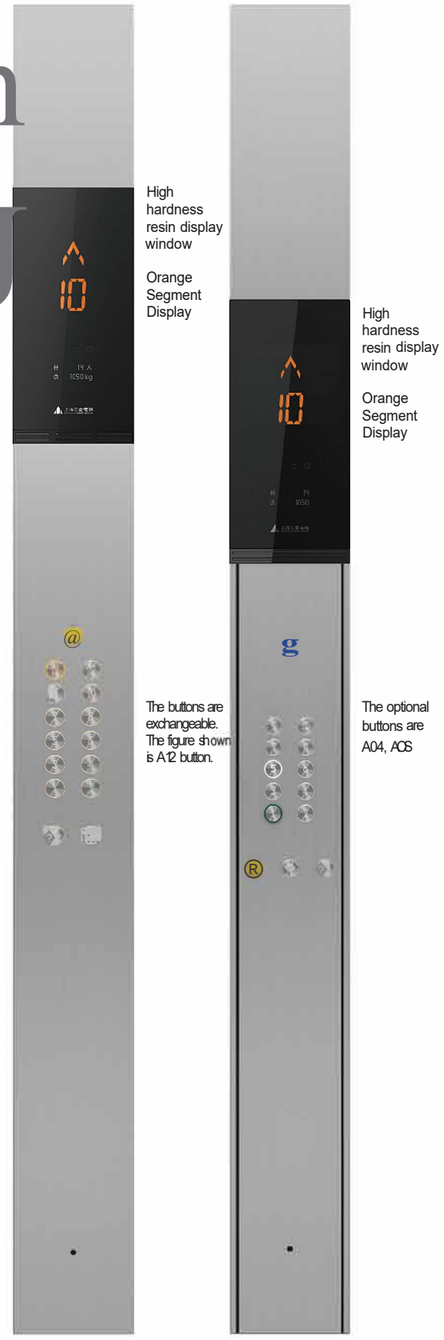
A brand new arrow shape is used in combination with the logo elements of SMEC and a free-flowing animation, contributing to the unique characteristics of SMEC's products.

SMEC logo + Common arrow → SMEC arrow

Full-height Operation Panel

om
Front Wall

OJ
Side Wall



High hardness resin display window

Orange Segment Display

The buttons are exchangeable. The figure shown is A12 button.

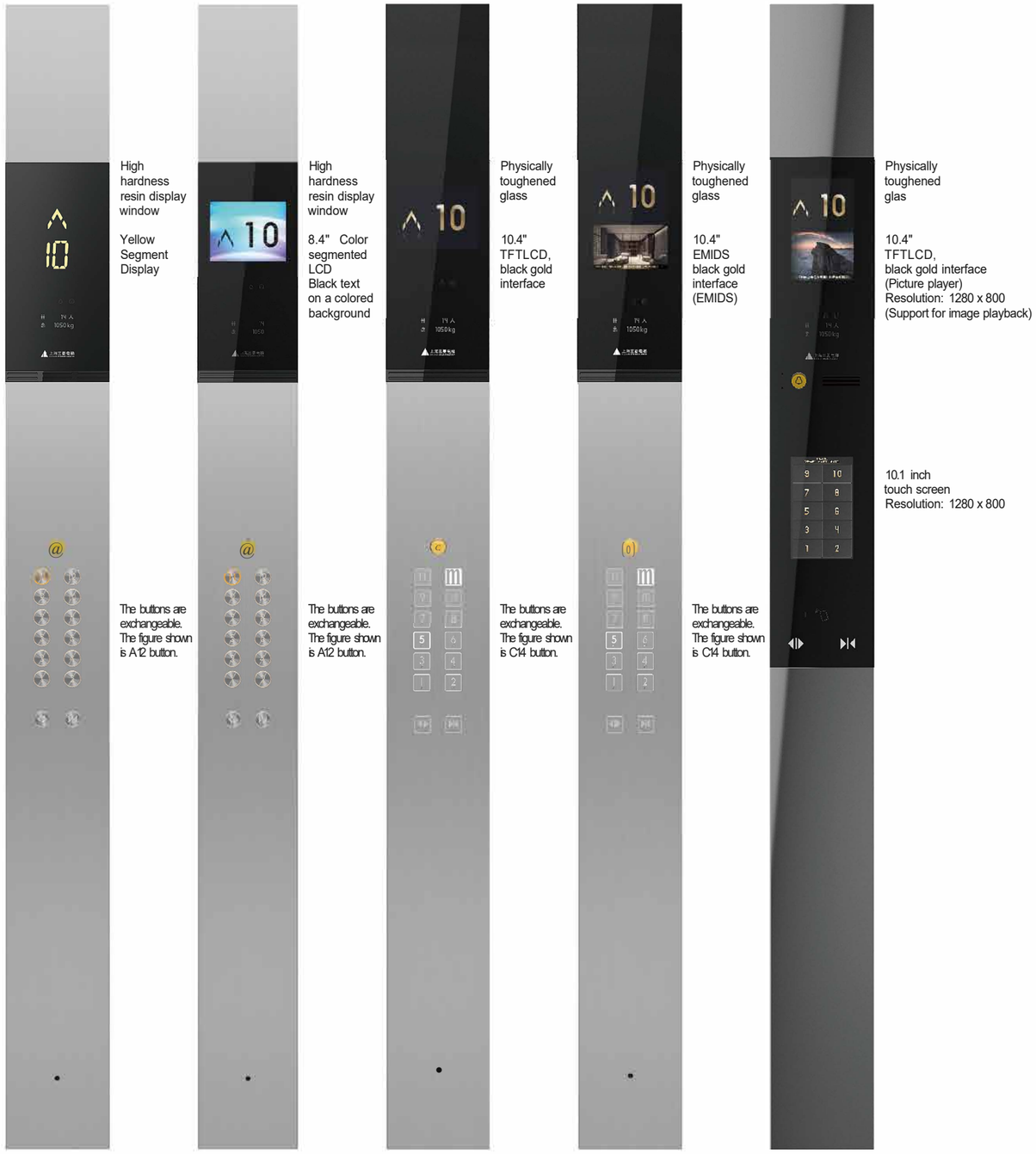
ZCB■- NO10 (Primary)
ZCB■-ND60 (Auxiliary)
Front Wall/Side Wall

High hardness resin display window

Orange Segment Display

The optional buttons are A04, AOS

ZCB■- NO30 (Primary)
ZCB■- NO80 (Auxiliary)
Side Wall
Comply with GB/ T24477 Standard



High hardness resin display window

Yellow Segment Display

The buttons are exchangeable. The figure shown is A12 button.

ZCB■- NO11 (Primary)
ZCB■- ND61 (Auxiliary)
Front Wall/Side Wall

High hardness resin display window

8.4" Color segmented LCD
Black text on a colored background

The buttons are exchangeable. The figure shown is A12 button.

ZCB■- N612 (Primary)
ZCB■- N662 (Auxiliary)
Front Wall/Side Wall

Physically toughened glass

10.4" TFTLCD, black gold interface

The buttons are exchangeable. The figure shown is C14 button.

ZCB■- N310 (Primary)
ZCB■- N360 (Auxiliary)
Front Wall/Side Wall

Physically toughened glass

10.4" EMIDS black gold interface (EMIDS)

The buttons are exchangeable. The figure shown is C14 button.

ZCB■- N710 (Primary)
ZCB■- N760 (Auxiliary)
Front Wall/Side Wall

Physically toughened glas

10.4" TFTLCD, black gold interface (Picture player) Resolution: 1280 x 800 (Support for image playback)

10.1 inch touch screen Resolution: 1280 x 800

ZCBE10-N71B (Primary)
ZCBE10-N76B (Auxiliary)
Front Wall/Side Wall

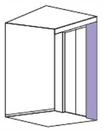
Note:

1, For front return panel ;. 250 mm, install the operating panel on the front return panel; for front return panel< 250 mm, install the operating panel on the side wall.
2, The symbol refers to the button model. Please select it from the "Diversified button" page.
3, Hairline-finish, mirror-finish, random pattern and sand pattern stainless steel can be used for the faceplate of the operating panel. Non-standard confirmation is required for titanium plated stainless steel.
4, EMIDS can play multimedia information. Non-standard confirmation is required if customers wants to customize the interface.

The picture IS a schematic rendering. The size and appearance may vary according to actual specification and configurations.

Human-machine Component

Integrated Operation Panel



Front-wall

ZCB ■- T611(Primary)
ZCB ■- T661(Auxiliary)
The buttons are exchangeable.
(Remark 9)
The figure shown is A11 button.
(Configurable when front wall;,,250)

ZCB ■-T311 (Primary)
ZCB ■- T361(Auxiliary)
8.4"TFTLCD,
black gold interface (EMIDS)
The buttons are exchangeable.
(Remark 9)
The figure shown is C14 button.
(Configurable when front wall;,,250)

ZCB ■-T711 (Primary)
ZCB ■- T761(Auxiliary)
10.4" TFT LCD,
black gold interface (EMIDS)
Resolution: 1024 x 768
The buttons are exchangeable.
(Remark 9)
The figure shown is A11 button.
(Configurable when front wall;,,250)

ZCB ■- T811(Primary)
ZCB ■-T861 (Auxiliary)
15"TFT LCD,
black gold interface (EMIDS)
Resolution: 1024 x 768
The buttons are exchangeable.
(Remark9)
The figure shown is A11 button.
(Configurable when front wall ;,,350)

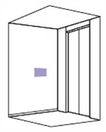
Suggested material of faceplate is titanium coated. Titanium coated mirror stainless steel ZDT-003 is shown on the picture.

ZCBE15-T81C (Primary)
ZCBE15-T86C (Auxiliary)
15"TFTLCD
black gold interface (picture player)
Resolution: 1024 x 768
(support for image playback)
15.6 inch touch screen
Resolution: 1920x 1080
(Configurable when front wall;,,350)

Suggested material of faceplate is titanium coated. Titanium coated mirror stainless steel ZDT-006 is shown on the picture.

ZCBE28-T810 (Primary)
ZCBE28-T860 (Auxiliary)
15"TFT LCD,
black gold interface (EMIDS)
Resolution: 1024 x 768
28.6 inch touch screen
Multiple interface themes can be changed.
Resolution: 1920 x 540
(Configurable when front wall;,,350)

Wheel Chair Operation Panel



Side-wall

The buttons are exchangeable.
The figure shown is A14 button.

ZCB ■- F011(Primary)/ZCB ■- F061 (Auxiliary)

The buttons are exchangeable.
The figure shown is A14 button.
(Comply with GB/ T24477 Standard)

ZCB ■- F131 (Primary)/ZCB ■- F181 (Auxiliary)

Diversified Button

Basic Buttons

A11 (White Light)
A12(0range Light)
Diameter 35mm
MachinwyFtneMotion
FlatWOlds
Standby Micro-light
Stainless Steel Surface

A14(White light)
A15(0range Light)
Diameter35mm
M FineMotion
Protruded Words with Braille
Standby Micro-light
Stainless Steel &Irface

C14(White Light)
C15(0range Light)
Square33mm
Machinery Fine Motion
Protruded WOlds with Braille
Standby Micro-light
Stain8ss Steel SDxface

Optional Button Styles

A71
Diameter 35mm, Floating In-kldctive Flat Text
S18ooby White Ught, Light IP the White L.q,t
Flat WOldS, Mirror stainless steel Surface

A23
0iamet8f 35mm, Touch Sensitive
Standby 'Mite L,J Ht, Light up fne Ekle Light
Fial W,>ds, CO Lce Stainless Steel Surface

A81 (White Ligh)t
A82(0range Light)
OLimeter 36.5mm
Machinwy Fille Motion
Flat Words. St by Micro-light
Stainless Steel Surface

A84(Whtte Light)
A85(0range Light)
Diameter 36.5mm
Machinefy Fine Motion
Protruded Words with Brclille, StlOOlly Micro-light
Stainless Steel Surface

A27
Diameter 80mm
Machinery Fine Motion
Flat Words
Stainktss Steel Surface

Remark:

1. The symbol ■ represents the button model, Please select it from the "Diversified button" page.
2. Hairline-finish, mirror-finish, random pattern and sand pattern stainless steel can be used for the faceplate of the operating panel. Non-standard confirmation is reqJired for titanium plated stainless steel.
3. If an integrated operating panel is equipped, the decoration of the side wall shall be less than 15 mm thick when customers redesign the car on its own. If the decoration exceeds 15 mm, non-standard confirmation is required.
4. EMIDS can play multimedia information. Non-standard confirmation is required if customers wants to customize the interface.
5. Three color schemes are available for the interface of a touch screen operating panel: Scheme A is applicable to a maximum number of 64 floors, and Scheme B and Scheme C are applicable to a maximum number of 30 floors.
6. Wheelchair operating panel buttons can only use A14/A15/C14/C15.
7. ZCB■-F131/181 complies with GB/T24477. Technical confirmation is required to determine whether the complete elevator meets the standard.
8. A04,A05 buttons are only compatible with opening panel with GB/T 24477 configuration.
9. The button arrangement shown in the diagram is for reference only. Please refer to appearance documents for details. Non-standard design need to be confirmed in case of special requirement.

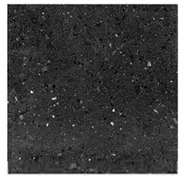
The picture IS a schematic rendering. The size and appearance may vary according to actual specification and configurations.

Material Correspondence

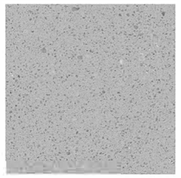
Floor Material

Artificial Stone Flooring


ZRZ-A01


ZRZ-A02


ZRZ-A03


ZRZ-A04

Marble Flooring

Note: As a natural product, marble may have grains, with slight differences between grains and colors. Wall-to-wall marble is limited by size, and splicing will occur.


ZSC-001


ZSC-002


ZSC-011


ZSC-012


ZSC-013


ZSC-014


ZSC-016

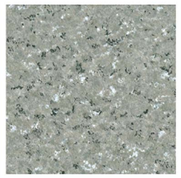

ZSC-029

PVC Flooring

mitation granite is wear-resistant,
easy maintenance and highly decorative


ZPR-013


ZPR-014


ZPR-015


ZPR-016

Parquet PVC Flooring

Imitation marble is featured by clear texture and good gloss.

It has upgraded wear resistance and foot feeling, easy maintenance, and impact resistance.

(Note: There may be slight printing marks on the surface, which is a normal phenomenon)

ZPH-035


ZPH-036


ZPH-037


ZPH-038


ZPH-026


ZPH-029


ZPH-034


ZPH-031

Handrail Type


ZYH-FH10
Stainless Steel Flat Handrail


ZYH-RH05/RH05B
Stainless Steel Round Handrail


ZYH-RH06/RH06B
Stainless Steel Round Handrail

Notes: Titanium coated stainless steel is alternative for handrail ZYH-FH10\ZYH-RH05\ZYH-RH06. Please refer to material table for details of titanium color code.

Mirror


Whole-length


Half-height


Full-height

Material Correspondence Table

Item	Material	Remark
Car Wall and Car Door	Painted steel	Standard
	Film pressed steel, MataMc painted steel, Hairline stainless steel, Etched hairline stainless steel, Titanium-coated hairline stainless steel, Tritanium-coated etched hairline stainless steel, Mirror stainless steel, Etched mirror stainless steel, ntaniuiTH-tX>ated mflCr stainless steel, Titanium-coated etclied mirror stainless steel, Irregl.10r-line stainless steel, Titanium-coated irregular-line stainless steel, Sand pattern stainless steel, ntanium-coated sand pattern stainless st◆,	Optional
Mirror	Half-length glass mirror, full-length mirror-finish stainless steel mirror, full-length mirror	**Optional**
Handrail	10/1G: None, rear wall, two-side walls, three-side walls 102G/202G, None, two side walls	**Optional**
Floor	Artificial Stone flooring, Parquet Marble Floor, Parquet PVC Floor, PVC real stone, pattern-printed stainless steel, non-slip stainless steel	**Optional**
CarsiU	Hard aluminum	Standard
Kickplate	If car walls are of common painted materials, coated steel sheets should be used; if not, hairline-finish stainless steels should be used.	Standard
Titanium plating color	ZDT-001 (rose gold), ZDT-002 (gold), ZDT–003 (black), ZDT-<>04 (champagne gold), ZDT-005 (light black), ZDT-()()6 (bronze)	**Optional**
Fingerprint-resistant titanium plating	ZDT-500 (natural color), ZDT-501 (rose gold), ZDT-502 (gold), ZDT-503 (black), ZDT-504 (champagne gold), ZDT-505 (light black), ZDT-506 (bronze)	Optional

Notes: 1 Single-color real stone flooring is also available. See Decoration Color Code of Shanghai Mitsubishi Elevator for color codes.
2 Standard marble flooring is marble composite aluminum honeycomb panel.

LEHY-L-Pro

Hall Design

Hall Door Design

Matching well with mainstream interior design styles

Better blended with your building environment

Original hall door/car door panel

No need for second design on site to avoid potential safety hazards

Saving cost, time and effort

New Intelligent Direction Lamp

Adjust the luminance and volume automatically according to the environment

Equipped with car arrival chime (AECC) and AECH

Foot-activated Call

Foot-activated call to create a hand-free experience

Registering car calls with a foot movement

The JpCure is a schematicC rendering. The size and appearance may vary according to actual specifteahon and configurations.

Hall Door and Jamb

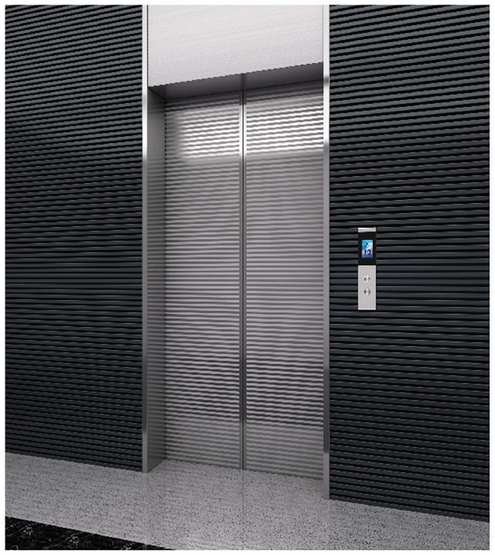
E-1 02 Narrow Door Jamb

Landing Display Call: ZPIA12-GD10
Landing Door Material: Hairline Stainless Steel
Jamb Material: Hairline Stainless Steel

E-302 Bevel (10°) Wide Door Jamb

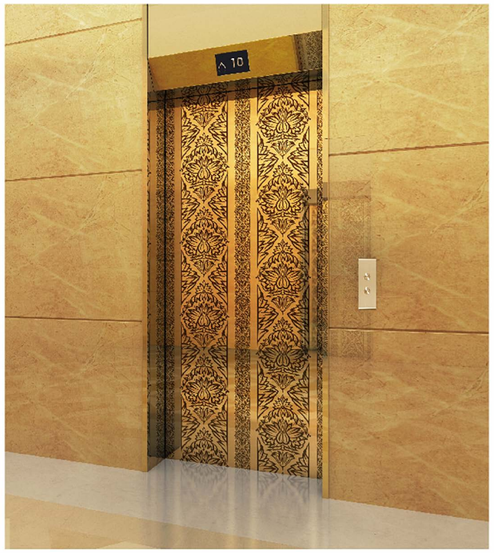
Landing Display Call: ZPIA12-GB13
Landing Door Material: Hairline Stainless Steel
Jamb Material: Hairline Stainless Steel

E-312 Bevel (10°) Wide Door Jamb with Transompanel



Landing Display Call: ZPIA11-GB 13
Landing Door Material: Hairline Stainless Steel
Jamb Material: Hairline Stainless Steel

E-322 Bevel (10°) Wide Door Jamb with Slant Transompanel



Landing LCD: ZPIH-N301
Landing Call: ZHBA11-G010
Landing Door *1 : ZPN-010
Jamb Material: Mirror Titanium-coated Stainless Steel

Remark:
1. For more information of hall door design, please refer to Selected Sophisticated Design of SMEC Elevators.
2. Applicable size: 900 mm .; JJ .; 1200 mm, 2000 mm .; HH .; 2400 mm, and (overall door jamb height) MH + HH .; 4000 mm.

Hall Design

Landing Display

ZPI ■- GD10
Wall-mounted
Without Bottom Box
Orange Segment Code
The buttons are exchangeable.
The figure shownis A12 button.

ZPI ■- CD12
Embedded
With a bottom box
The buttons are exchangeable.
The figure shownis A11 button.

ZPI ■- GB13
4.3" Color segmented LCD
Black text on a colored background
The buttons are exchangeable.
The figure shownis A11 button.

ZPI ■- GA13
4.3"TFTLCD
black gold interface
The buttons are exchangeable.
The figure shownis A11 button.

ZPI ■- GD20
Wall-mounted
Without Bottom Box

ZPI ■- CD22
Embedded
With a bottom box

ZPI ■- GB23

ZPI ■- GA23

ZPIE07-GF10/GF20
Touch Screen Hall Call
Titanium-plated aluminum alloy middle frame
7-inch high-resolution highlight screen
15° inclination, which is more ergonomic

Landing Call

ZHBE08-G012

ZHB ■- G010
(Single Elevator)
ZHB ■- G020
(Parallel Connection)

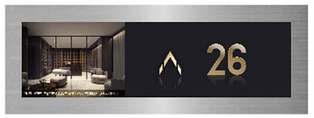
f61 omply with 24477 Stanctarr!J

ZHB ■- H030
(Single Elevator)

ZHB ■- H041
(Parallel Connection)

Note:
1, The symbol ■ refers to the button model. Please select it from the "Diversified button" page.
2, Hairline-finish and mirror-finish stainless steel are available for the faceplate of the call buttons of the hall position indicator. Non-standard confirmation is required for titanium plated stainless steel.
3, ZHB - H030/040/041 complies with GB/T24477, and A14/A15/C14/C15 buttons are available. Technical confirmation is required to determine whether the complete elevator meets the standard.

Landing Display



ZPIH-CE01
28.6" TFT LCD, black gold interface (EMIDS)
Resolution: 1920 x 540, Embedded, nstalled on the wall

ZPIH-C301
8.4" TFT EMIDS with black gold interface
Embedded, nstalled on the wall

HID-A20
Embedded Large-scale Landing Displayer
Applicable when the Jamb model is non-E-312 and non-E322.

ZPIH-C804
15" EMIDS, embedded,
installed above the hall call buttons

ZPIH-NE01
28.6" TFT LCD, black gold interface (EMIDS)
Resolution: 1920 x 540, Embedded
Applicable when the Jamb model is E-312

ZPIH-N301
8.4" TFT EMIDS with black gold interface
Embedded
Applicable when the Jamb model is E-312

HID-A10
Embedded Large-scale Landing Displayer without Panel
Applicable when the Jamb model is E-312.

Landing Direction Light

ZHLV-H021
With a bottom box

ZHLV-H040
Without Bottom Box

ZHLV-E131
Wtthout Bottom Box

ZHLV-B140
Without Bottom Box

ZHLV-H050
Without Bottom Box

ZHLV-B040
Without Bottom Box

ZHLV-R050
With a bottom box

ZHLH-R080
With a bottom box

Note:
1, All direction lights adopt LED light sources; two light colors are available: warm white 3000-3300k and white 6500-7200k.
2, When ZHLV-E131, ZHLV-B140, ZHLV-B040, ZHLV-R0S0 and AECH are configured concurrently, it complies with the standard GB/T24477.

Features

Control and Security Features

• :Standard, ○ :Optional

Feature	Description	Code	1C~2BC	2C~SM21	2C~4C~ITS~21	3~8C~ITS~2100
Automatic Landing with Rheostatte Leveling	When the car parks at a stat)On, if the vertical difference between the upper plane of the car sill and that of the landing door sill exceeds predetermined value, the elevator will level automatically.	ARL	•	•	•	•
Anti-stall Timer	When the traction rope slips or motor stall reaches predetermined time, the efevator will stop.	AST	•	•	•	•
Balance CoefficienI Detect (Auto)	Ih auto mode, after a certain period of time, when entering the sleep mode the elevator keeps all brakes in releasing state and maintains zero speed, during which the motor current is measured to calculate the balance coefficient. The elevator will be stopped if the calrulatec:I balance coefficient deviates considerably.	BCST	•	•	•	•
Braking Noise Control	Accurately control the speed when the brake holds to greatly reduce the braking noise and improve ride comfort.	BNRC	•	•	•	•
Brake Redundancy Protection	When a group of brakes fails, the remaining brakes still can realize effective braking of the elevator.	BTUP	•	•	•	•
Car Slide Safety Protection	When the car slides due to insufficient braking force, short the three-phase winding of PM traction machine in normal power supply state to reduce the speed the car slides.	CSSP	•	•	•	•
Door Interlock Bypass Operation	: : : TI;e r! i cuit via the door interlock bypass device to facilitate the maintenance of hall door contact, car door	DBO	•	•	•	•
Double-Side Static Torque Detect (Manual)	When entering Double-Side Static Torque Detect (Manual) mode via manual operation, the elevator keeps all brakes in holding state and applies a torsional torque onto the PM traction machine to check the static torque.	DBSD-M	•	•	•	•
Door Interlock Short Safety Protection	Ih auto mode, if the door interk>ck switch is detected shorted, the elevator will stop to protect passengers.	DSSP	•	•	•	•
Energy Feedback	Feed energy generated during operation back to the grid to save energy.	EFDBK	○	○	○	○
Electrical Safe Loop Protection	Prevent the elevator from operating once the electrical safety devices oonnected together in series act.	ESC	•	•	•	•
Inspection Operation	Inspection operation mode for maintenance staff.	INSP	•	•	•	•
Landing Open	When a car lands at a hall, the car will start its doors opening after the car prepares for landing.	LO	○	○	○	○
Load Weighing Start	The elevator adjusts startup torque according to the car load so as to allow smooth start.	LWS	•	•	•	•
Over-current Protedk>n	Stop elevator when the current through the rectifier or inverter is detected too high.	OCP	•	•	•	•
Over-speed Protection	Stop elevator when the running speed is detected over allowable value.	OSP	•	•	•	•
Over-Temperature Protection	Stop elevator when over temperature of motor is detected.	OTP	•	•	•	•
Over-voltage Protection	Stop elevator when the voltage across the rectifier or inverter is detected too high.	OVP	•	•	•	•
Power Failure Protection	Stop elevator when open-phase, undervoltage or other faults of power occurs.	PFP	•	•	•	•
PONer-on Releveling	If the car stops in the range of door area due to power failure, it will relevel to the leveling position after the power is recovered.	PORL	•	•	•	•
Reversal protection	Stop elevator when it is detected running in reversed direction.	RSP	•	•	•	•
Single-Side static Torque Detect (Manual)	Enter the Single-Side Static Torque Detect (Manual) mode manually. The elevator releases one brake and keeps other brakes in holding state to check whether the static torque meets the requirements.	SBSD-M	•	•	•	•
Single-Side Static Torque Detect (Power-on)	Ih auto mode, when the elevator is powered on in case of power outage or after the oontrol PCB is reset, the elevator keeps one brake released and others in holding state to check whether the single-side static torque meets the requirement.	SBSD-0	•	•	•	•
Single-Side Static Torque Detect (Periodic)	Ih auto mode, after a certain period of time, when the elevator enters the sleep mode, the elevator keeps one brake released and others in holding state to check whether the single-side static torque meets the requirement.	SBSD-P	•	•	•	•
Safe Landing	If a car has stapped between floors for some reason, the controller checks the cause, and if it is oonsidered safe to move the car, the car will move to the nearest floor and doors will open.	SFL	•	•	•	•
Stop Open	The car doors open automatically after the car stops at a floor.	SO	•	•	•	•
Inverter High-temperature Detect	Stop elevator when inverter high-temperature is detected.	THMF	•	•	•	•
Terminal Forced Decelerate	If the car runs to the terminal but the speed has not been reduced to specified value, the system will force it to decelerate and thus enable it to level normally.	TSO	•	•	•	•
Unintended Car Movement Protection	Elevator safety component to stop unintended car movement away from the landing with the landing door not in the k>cked position and the car door not in the dosed position, as a result of any single failure of the lift machine or drive oontrol system.	UCMP	•	•	•	•
Under speed Protection	Stop elevator when the running speed is detected under alk>wable value.	USP	•	•	•	•

Emergency Operation Features

•:Standard, O:Optiooal

Feature	Description	Code	1C~2BC	2C~SM21	2C~4C~ITS~21	3~8C~ITS~2100
Docking Rescue Operation	When an elevator installed if a shared hoistway stops in the fast-speed zone due to some faults, another elevator will be allocated for rescue.	ADK'1	-	-	○	○
Emergency Car Lighting	When normal lighting power supply fails, emergency car lighting is provided.	ECL	•	•	•	•
Emergency Electric Operation	Some electrical safety devices are bypassed through the Emergency Electric Operation device to oontrol the operation of the car.	EEO	•	•	•	•
EarthQuake Emergency Retlrn (S-wave)	When S-wave earthquake detector acts, the car immediately parks at the nearest floor with door opened.	EER-S	○	○	○	○
PONer Failure Emergency Landing Device	When normal power supply breaks, this device will supply power to move the car to the nearest floor, level and open the doors, and allow the passengers to leave safely.	ELD'2	○	○	○	○
Alarm Bell	Press this alarm bell in emergency. The bell and interphone will sound.	EMB	•	•	•	•
Fireman' s Emergency Operation	When a fire happens, fireman switch actions, a car returns to the predetermined evacuation floor, then door opens canceling all calls from landings or car, the car is available for fireman' s use.	FE •3•4•5	○	○	○	○
Fire Emergency Return	When the Fire Emergency Return switch acts, au landing calls and car calls are cancelled, and the car immediately returns to predetermined floor and parks with door opened.	FER'3	○	○	○	○
Operation by Emergency PONer Source - Sole Automatic	\Mien noonal po,e,- S<4lly breaks, the ig,ed cars w l be pomered by the em,rgency po,e,- source of the buidi1g and automaticaly travel to the predetermined floors in order. Once all cars have arrived at the predetermined floors, the specified car can operate normaly.	OEPS-SA '6	○	○	○	○
Remote Service System	Monttor elevator operation if real time, send faults or abnormities to the Service Center of the oompany via wireless networ< in a timely manner, and process them quickly. Provide customers with value-added services by establishing customized maintenance prog,am.	REMES-IV •7	○	○	○	○
Elevator Monitoring System	This system uses computers to monitor the operation and position of the elevator and provides operation instructions when necessary.	SmartEye'8	○	○	○	○

Note: *1 RET2 Emergency Return feature must be available.
*2 Applicable when the maximum distance between two adjacent landings is no more than 20 m
*3 It is oonsidered that the elevator be able to run from the top terminal landing to the FE or FER return floor in 60 seconds. The time is estimated as: Distance from the top terminal floor to FE or FER return floor/Rated speed + 9 seconds.
*4 Elevators with FE feature are not equal to elevators meeting the requirements of fire elevator standard (GB/T 26465). Since fire elevators compliant with this standard have special requirements for environment, building structure, power supply, water resistance, etc. Please contact our sales department if you want to order one.
*5 If this feature is available, 10-key operating panel cannot be oonfigured.
*6 Users should provide normaUy-open dry contact signals of normal and emergency power source. These signals should be provided to the oontrol panel in the machine room by the users.
*7 A maintenance oontract needs to be signed with Shanghai Mitsubishi Elevator Co., ltd. Currently not available for overseas market.
*8 Sign SmartEye contract with Shanghai Mitsubishi.

Operational and Service Features

•:Standard, o:Optional, ◊: Non-standard design required, -: Not applicable

Feature	Description	Code	1C~2BC	2C~SM21	2C~4C~ITS~21	3~8C~ITS~2100
Automatic Bypass	\Mhen the car load exceeds 80% (adjustable) rated capacity, the elevator does not response hall calls from other floors along its travel.	ABP'1	○	○	○	○
Attendant Service	Normal operation of the elevator is conducted by an attendant	AS'1	○	○	○	○
Bypass	Bypass all haU calls when the attedant serves and activates the 'Bypass' button.	BP'2	○	○	○	○
Car Computer Back Up Operation	\Mhen an abnormity occurs on the car computer, the car stops at nearest floor and the elevator cannot restart.	CCBK	•	•	•	•
Car Call Cancelling	Ih automatic operation, when a car has responded to the final car call or landing call in one direction, the system automatically checks and clears remaining car calls from the memory.	CCC	•	•	•	•
Car Call Priority (Timed Control)	To provide oomfortable ride service for passengers at a particular period (e.g. from late night to early morning), hall calls will not be served until car calls are served.	CCPS-T •3	◊	◊	◊	◊
Car Fan Shut Off - Automatic	If there are no calls for a specified perioct, the car ventilation fan will automatically be turned off to conserve energy.	CFO-A	○	○	○	○
Car Fan Shut Off - Manual (button type)	The car ventilation fan is turned off by oombination buttons on the operation panel.	CFO-B •4•5	•	•	•	•
Car Light Shut Off - Automatic	If there are no calls for a specified perioct, the car light will automatically be turned off to oonserve energy.	CLO-A	○	○	○	○
Car Light Shut Off - Manual (button type)	The car light is turned off by combination buttons on the operation panel.	CLO-B *4*5	•	•	•	•
Continuity of Service	To ensure normal operation of elevators in a whole group, when a certain elevator cannot respond registered landing calls, it will be excluded from landing call service, and service is provided by other elevators.	COS	–	•	•	•
Calm Passengers	Calm passengers trapped in the car through voice or video.	CPTC	•	•	•	•
Elevator Dedicated Air Conditioning	Air conditioning for elevator car.	EAC	○	○	○	○
Self-diagnosis	Diagnose abnormities and faults occurred during elevator operation.	EFD	•	•	•	•
Elevator App Remote Control	Complete the settings of electrical devices and door functions or the elevator on the mobile App.	EVAC *6	•	•	•	•
Exit Switch	Switch for detecting state of exit.	EXITSW'7	○	○	○	○
False Call Cancelling - Automatic	If the number or registered calls is not agree with the number of passengers, it will cancel all calls to avoid unnecessary stops.	FCC-A '1'8	○	○	○	○
False Call Cancelling - Manual (car button type)	If the wrong car button is pressed, it can be canceled by quickly pressing the same button again twice.	FCC-P'4	•	•	•	•
Hall Call Erase - Manual (hall button type)	If the wrong hall calling button is pressed, it can be canceled by quickly pressing the same button again twice.	FHC-P '1'9	○	–	○	○
Automatic Hall Call Registration	When one elevator cannot take all passengers, the landing button remains registered state, and the system will assign another elevator to provide service.	FSAT'1	•	•	•	•
Group Control Backup Service	Maintain service of individual elevators when group control becomes invalid due to failure of the group control controller or failure of communication between the group oontrol and individual stations.	GCBK	–	–	•	•
Hall Computer Back UP Operation	\Mhen an abnormity occurs on the hall computer, the car stops at nearest floor and the elevator cannot restart.	HCBK	•	•	•	•
Wheelchair Operation	A mode applicable to wheelchair users designed to slow down door opening and extend door opening.	HCL	○	○	○	○
Hospital Emergency- Block Sign	By pressing the Door Open button and the DKO-TB button simultaneously, the elevator will respond only to the car call.	HE~B *1*5*10	○	○	○	○
Hall Out-or-service Operation	Turn on or shut off the elevator by operating the "RUN/STOP" swch installed on specified floor.	HOS	•	•	•	•
Hall Out-or-Se,vice Switch(Timer)	RUN/STOP operation of an elevator can be controlled by using a timer installed in the specified elevator hall.	HOS-T'3	◊	◊	◊	○
Intelligent Call System	Achieve intelligent elevator calling through mobile devices or biological recognition technology.	ICS *11	○	○	○	○
Independent Service	Using the Independent switch in the operation panel, the car can respond only to car calls without interrupting service.	IND	•	•	•	•
Non-service to Specific Floor (car button type)	Cancel service to specific floor by operating buttons on the operation panel and the setting switch.	NS-CB •12	○	○	○	○
Non-service to Specific Floor (switch type)	Operating this switch can cancel service to specified floors.	NS ,13	○	◊	◊	○
Not Start Operation	\Mhen landing call or car call is registered but the car cannot start within predetermined time, it will clear the assigned landing call, reserve the car call, light up the Abnormal lamp, and sound the Abnormal bell.	NST	•	•	•	•
Non-Service to Specific Floor -Timer Type	Elevator service for a specified floor is temporarily suspended during a specified period.	NS-T '3'13	◊	◊	◊	◊
Next Landing	After the car has arrived at the destination floor, if the car doors cannot open fully, it will dose the doors and oontinue to run to the next floor until the doors can open fully and then restore normal operation.	NXL	•	•	•	•
Overload Holding Stop	\Mhen the car is over1oaded, the doors remain open and a buzzer sounds.	OLH	•	•	•	•
Ride with Pet	\Mhen the Pet in Car button is pressed, the hall pet indicator will be lit to remind passengers that a pet is in the car.	PRO	○	○	○	○
Remote Control Stop	Start or stop the car through the remote control switch.	RCS *14	○	○	○	○
Return Operation (Normal Return)	Operating Return switch to immediate call the car bad< to specified floor and park there.	RET1 '14	○	○	○	○
Retun()peralior(Ema,gercyRetun)	\Mhen the return switch is operated, the elevator will immediately return to the specified floor and stand by with doors open.	RET2'14	○	○	○	○
Secret can Service (car button type)	Lock certain floors on the operation panel by setting password. The buttons of these specified floors can only be registered after the password is entered on the operatk>n panel.	SCS-B '4'15	○	○	○	○
Secret can Service (IC card type)	Toe buttons of certain specified floors can only be registered via IC card.	SCS-IC '16	○	○	○	○

Note, *1 If DOAS is configured, ABP, AS, FCC-A, FCC-P, FHC-P, FAST, and HE-B cannot be configured at the same lime.
*2 Standard feature if AS is available.
*3 Periods of time must be indicated on the non-standard configuration countersign form.
*4 This feature cannot be configured with 10-key operating panel.
*5 Operated by a combination of buttons.
*6 Physical door switch (e.g. Independent Operation) cannot be selected with App functions at the same time.
'7 With hoistway safety door
*8 Optional in the case where the number or landing stations is equal or more than 6
*9 AIL cannot be configured at the same time.
"10 This feature must be oonfigured with DKO-TB.
"11 Meaning or suffixes: "IC" means •riding elevator by swiping IC card", "ID" means •riding elevator by swiping ID card", "F" means "riding elevator by facial recognition", "F" means "riding elevator by fingerprint idenlificatioo",-Q stands for 'Static QR Code to identify the riding", "G" means "4-in-1 access control', "R" means "indoor intercom and permission", "BT" means "riding elevator by phone (authorized), -"QR" means "riding elevator by dynamic QR code"
'12 No need to specify the set floor of the NS switch.
"13 When there are more than two cars in parallel or in group oontrol, their non-service floors must be the same. NS switch is installed in the operating panel or the main elevator by default, and the name of NS landing floors must be indicated in the non-standard configuration oountersign form.
*14 can be controlled through SmartEye, or the user should provide passive dry contacts. The boundary with the user is located in the control panel in the machine room, wherein interfaces are reserved.
'15 SCS-IC, ICS cannot be configurtl at the same time.
'16 See DigTel-II Elevator Data Transfer System Specifications (LEHY-Pro (NV5X1)-PS1) for details.

Features

Information and Display Features

•:Standard, O:Optional, ◊: Non-standard design required, -:Not applicable

Feature	Description	Code	1C-2BC	2C-SM21	2C-4C-ITS-21	3-8C-ITS-2100
Voice Announce Device	Voice announce device (Chinese) infonns the passengers of related elevator information.	AAN-S01 •1	0	0	0	0
Voice Announce Device	Voice announce device (Chinese and English in turn) infonns the passengers of related elevator information.	AAN-S02•1	0	0	0	o
Voice Announce Device	Voice announce device (English) informs the passengers of related elevator information.	AAN-S03• 1	0	0	0	o
Car Arrival Chime (Car)	The chime prompts the passengers the car has arrived at the destinaOon floor. (The chime is installed on the car roof and floor)	AECC •2	0	0	0	0
Car Arrival Chime (Hall)	The chime prompts the passengers the car has arrived at the destinattan floor. (The chime is installed on the hall)	AECH •2	0	0	0	0
Immediate Prediction Function	When a passenger registers a hall call, the optimum car to respond is immediately selected and announced to the passengers via hall lantern illumination and a single tone chime.	AIL•3•4	-	-	0	0
Immediate Prediction Broadcast	Once a passenger registers a floor call, the most appropriate elevator will be selected for this call, and inform the passenger via visuaVaooustic signal.	ASL•5	0	0	0	0
Automatic Operation Signal light (Hall)	The landing indicator displays the elevator is in automatic operation state.	AUTL•5	0	0	0	0
Signal Interface Device	Outputs basic operation state signal of the elevator via this device	BA•6	0	0	0	o
Bypass Signal Light (Hall)	The landing indicator displays the elevator is in "Bypass operation" state.	BPL •5	0	o	0	o
Direction Arrows in Car	Indicates running direction with arrows in the car,	DAC	•	•	•	•
Direction Arrows on Hall	Indicates running direction with arrows on the hall.	DAH	•	•	•	•
Door-Close Button Response Light	The Door-Close button light illuminates at the same time when this button is pressed.	OCR	•	•	•	•
Extended Door-Open Button Light	When the Extended Door-Open button is pressed, the indicator light illuminates for certain period.	DKOL •7	0	0	0	0
Door-Open Button Response Light	The Door-Open button light illuminates at the same time when this button is pressed.	OOL	•	•	•	•
Elevator Counterffimer	Record number of runs and running time of the elevator.	ECT	•	•	•	•
Multimedia Display in Car	Can provide audioMdeo or other information for the passengers (installed in the car).	EMIDS-C •s	◇	◇	◇	◇
Multimedia Display on Hall	Can provide audioMdeo or other information for the passengers (installed on the hall).	EMIDS-H •s•9	o	◇	◇	◇
Exclusive Service Indication	Display that the elevator is in exclusive service state.	EXCL •5•10	o	0	0	0
Fireman' s Emergency Operation - Complete	The fireman' s emergency operation is activated.the elevator runs to specified return floor, then the elevator outputs an in-place indicating stgnal.	FE-CP•11	0	0	0	0
FE Operation Signal Lamp in Car	\When the elevator gets into FE operation status, the signal lamp in the car will indicate the status.	FELC •12	0	0	0	o
FE Operation Signal Lamp on Hall	When the elevator gets into FE operation status, the signal lamp at hall will indicate the status.	FELH •12	◇	◇	◇	◇
Fire Emergency Relurn -Completed	A CP signal is outputted after the FER running is completed.	FER-CP•13	0	0	0	o
FER Operation &gnal Lamp in Car	When the elevator gets into FER operation status, the signal lamp in the car will indicate the status.	FERC •14	0	0	0	o
Flashing Hall Button Light	When the elevator stops at a landing and starts to open the doors, the Hall Call Button light of the same direction flashes to remind passengers that the car has arrived; when the doors are dosed fully, the button light goes off.	FHBL	•	•	•	•
Flashing Hall Lantern	Flashing lantern indicates arrival of car and its running direction.	FHL •15	0	0	0	•
Energy-saving function for hall position indicator	The hall position indicator will display information with low brightness when there is no call, and with normal brightness when the call button of the floor is activated, thus saving energy and extending service life.	HIES	0	0	0	0
Inspection Operation Indication	Hall indicator will display the elevator is in inspection mode.	INSPL •5	0	0	0	0
Interphone	h emergency, persons in car, on car top, or in pit can use thiS device to corrmunicate with persons in machine room or rmonitoring room.	ITP•15	•	•	•	•
ITV Cable(analog)	The cable used for video camera(analog) installed in the car for user to monitor the real image in the supervisory room.	ITV-A'17	0	0	0	0
ITV Cable(digital)	The cable used for video camera(digital) installed in the car for user to monitor the real image in the supervisory room.	ITV-0•17	0	0	0	o
ITV Cable(for SMOS)	The cable used for video camera equipped with SMOS system.	ITV-s•17	0	0	0	0
Operation by Emergency Power Source - Completed	A CP signal is outputted after the operation by emergency power source is completed.	OEPS-cP·1s	0	◇	0	0
Overload Indication in Car	When the elevator is overloaded, the over1oad indicator lamp illuminates.	OLHL •10	0	0	0	o
Pet Reminder	The hall posttion indicator shows that a pet is in the car.	PETL•5•19	0	0	0	0
Remote Alarm Filtering Signal	This signal is sent to the alarm system to fitter improper alarms according to the Remote Elevator Alarm System.	RALM •20	•	•	•	•
Out-of-Service Indication	Indicate the elevator is out of service on the hall.	RESL•5	0	0	0	0
Second Car Prediction	If a single elevator is not able to service all passengers on a crowded floor, another hall lantern will flicker to indicate the second car that will service that floor	TcP•4	-	-	-	o

Note, •1 Only one of AAN-S01/S02/S03 can be selected at most.
•2 Only one of AECC and AECH can be selected.
•3 Used together with hall lanterns; floor position indicator is not optional.
•4 If DOAS is conifigured, AIL and TCPcannot be configured at the same time.
•5 The hall position indicator can display icons including AUTO (auto), BPL (full load), EXCL (exclusive), INSPL (inspection), and ASL (attendant), as shown in Table 6.2.1-3. ASL is optional when AS is conrigured; BPL is standard when ABP or BP is configured; EXCL is standard when HE-B (hospital bed) is configured and optional when VIP-Sis configured.
•S Output signals are UP, DOWN, integrated fault, landing station o:xie signals. The output stgnal terminals are in the control cabinet in the machine room. Output modes are dry contact and RS485 series cxcimmunication.
•7 Standard when DKO-TB is provided.
•s See EMIDS Prcc1uc1 Specifications (LEHY-PS2). When the operating panel is equipped with EMIDS, EMIDS-C, or EMIDS-H, customers need to establish the Ethernet networ1< from the monitoring room to tM control panel in tM machine room for EMIDS to publish infonnation.
•9 See EMIDS Product Specifications (LEHY-PS2) for details. ij EMIDS-H is rtq uired, indicate relevant infonnation on the non-standard configuration countersign form: LCD dimensions, mounting position, and errbedded orwall-mounted.Defaut configuration: full-screen interface, hai ine-finish stainless steel panel (embedded) or black acrylic panel (wall-moooted); mounted at the main service floor.
•10 The car postion indicator can display icons including OLHL (overload), FELC (fire operation), and EXCL (exclusive), as shown in Table 6.1.2-4. FELC is optional for fire elevators; EXCL is standard when HE-Bis configured and optional when VIP-Sis configured. OLHL is standard for GB7588.11.2.
•11 Standard when FE is provkied. The boundary with the user is located in the control panel in the machine room. Connections must be reserved for this functK>n in the control panel.
•12 Optional when FE is provided. Non-standard oonfiguration is required for icon masks.
•13 Standard when FER is provkkKt. The boundary with the user is located in the control panel in the machine room, wherein interfaces are reserved.
•14 Optional when FE is provided.
•1511 must be configured with the hall lantern at the same time.
•15 The customer is responsible for the cables from the machine room to the monitoring room and their installation. See OigTel-ll Elevator Data Transfer System Specifications (LEHY-Pro (NV5X1)-PS1) for details.
•17 Select ITV-A, ITV-Dor ITV-S. When ITV is configured, confirm with the customer about who is responsible for cabling.
ITV-A: The customer is responsille for coaxial cables at the control panel side of the machine room from the monitoring room. The car and the machine room have interfaces of coaxial cables to connect analog video devices.
ITV-D: The customer is responsible for the Ethernet at the control panel side of the machine room from the monitoring room. The car and the machine room reserve Ethernet ports to connect digital video devices.
IVTS: Confirm the camera is analog or d)Qital in SmartEye contract.
If not included in the aCOue specif1Cations, specify it on the non-standard confirmatio.
•1s Optional when OEPS-SA is provided.
•19 Standard when PRO is provided. RESL cannot be configured at the same time.
•20 This signal is sent to the alarm system to filter improper alarms according to the Remote Elevator Alarm System.

Door Operating Features

• :Standard, o :Optional, -:Not applicable

Feature	Description	Code	1C-2ac	2C-sM21	2C-4C-,rs-21	3-SC-,rs-2100
Light Curtain Protection	Light curtain protection wtth multiple light beam.	AMS•1	0	0	0	0
Door Close Limit Switch on Start	When the car doors can not close completely, they will reverse and open.	CLTS	•	•	•	•
User-friendly car door	Monitor the zone near the car door with sensors and slow down the door opening speed after detecting the hands or small items of passengers near the car door, so as to prevent the hands or items from getting caught.	CREQ	0	0	0	0
Double Door Operation	When car doors are in open state, if there is no car call and landing call in forward direction and the landing call in reverse direction of this floor has been registered, the car doors will close and then immediately open again.	DOOP	•	•	•	•
Extended Door-open Button	When the Door Open button is pressed for three seconds, the doors will remain open longer.	DKO-T	0	0	0	0
Extended Door-open Button	Press and hokl this button can extend door-open time.	DKO-TB	0	0	0	0
Door Load Detect	If the car doors cannot fully open or close due to overload, the doors will act in reverse direction.	OLD	•	•	•	•
Not Door Open Feature	If car doors are blocked while opening, they will close immediately.	DONG	•	•	•	•
ALitimatic Door-open Tme Aljustmart	Automatically adjust door-open time according to landing calls or car calls.	DOT	•	•	•	•
Automatic Door Speed Control	Automatically adjust the speed pattern of door operation according to door weight.	DSAC	•	•	•	•
Door Close Torque Up Control	When car doors encounter extra resistance while dosing, the door system will automatically increase the torque.After the car has stopped at a station and the doors has opened, pressing Close button can make the doors to close immediately.	OTC	•	•	•	•
Expediting of Door Close	By pressing the Door Close button, the Door Closing Operation is immediately activated, and thus the trafftc efficiency is improved.	EDC	•	•	•	•
Multi-beam Safely Edge	Safety edge with multi-beam. Provide double protection by multi-beam and safety edge. During door closing, when a passenger or object is detected, the doors will open again.	MBS•1	o	o	o	o
Door Nudging Feature -with buzzer	If the door-open time exceeds the predetermined value, it will give alarm sound to alert the passenger and try to close the doors.	NDG	0	0	0	0
Repealed Door-Close	If car doors are blocked while dosing, the elevator will repeat the dosing action until the debris is removed.	RDC	•	•	•	•
Reopen with Hall Button	During door closing, when hall calling button in the same direction is pressed, the doors will reopen.	ROHS	•	•	•	•

Note: •1 AMS, MBS must choose one. AMS must be used for glass car doors.

Group Control Features

•:Standard, O:Optional, ◊: Non-standard design required, -:Not applicable

Feature	Description	Code	1C-2BC	2C-SM21	2C-4C-ITS-21	3-8C-ITS-2100
Bank Separation Operation	Separate landing buttons into several groups and p,ovide independent group control, and each group has tts own hall calling button.	sso•1•2	—	—	◇	◇
Battery Trouble Operation	Under the group control mode, during peak periods, it controls the number of cars allocated or parked to the crowded floors according to the traffic in the building.	CAT	—	—	—	•
Congested-Floor Service	When temi0c>rary congestion occurs due to meeting or other events, the system will try its best to arrange cars to the congested floor.	CFS•3	—	—	0	0
Closest Car Priority Service	h respond to a hall call, priority is given to the car closet to the hall button pressed.	CNPS•4	—	—	◇	0
Destination Oriented Allocation System	When a passenger presses the button of the destination floor on the hall operating panel, DOAS will inform the passenger of the elevator allocated. By allocating elevators according to destination floors, DOAS can improve the transport efficiency.	OOAS•1	—	—	—	◇
Down Peak Service	During the predetermined off-hour, elevators are continuously sent o the top floor to meet the needs of off-hour peak traffic congestion.	DPS	—	—	0	0
Energy-Saving Operation - Number of Car	With consideration of the traffic data and keeping elevator service at a predetermined level, when the level of elevator service becomes greater than the predetermined level, energy savings are attained through reducing the number of ruining cars.	ESO-N	—	—	o	o
Energy-saving Operation -Allocation Control	When there are new hall calls, the traveling distance of each car (including wait time and bypass rate) is evaluated for car allocation to reduce the overall traveling distance and eventually save energy.	ESO-w•4	—	—	—	o
Special Floor Forced Stop	Gars passing a certain floor are forced to stop at this floor.	FFS •5	0	0	0	0
Group Control Self-Diagnosis	If the group control system fails, the system will record the faults and provide them to the group control monitoring device.	GCS	—	—	•	•
Intense Up Peak	h response to upward traffic congestion from the main floor which occurs at a specific time, a bank of car cars are divided into two groups to serve high zone and low zone floors.	IUP•1•5	—	—	—	◊
Lunch Time Service	Gar assignment can be adjusted to favor canteen or restaurant floor to accommodate the high demand during lunch time.	LTS •7	—	—	o	o
Main Floor Parking	When there is no landing call or car call, the car returns to main floor and parks there.	MFP	o	o	0	0
Distinction of Traffic Flow with Neural Network	Up peak, doYm peak and lunch time are distinguished by Neural Network.	NN	—	—	—	•
Strategic Overall Assignment	For group control elevators, the cars part< dispersedly at the main station and middle floor.	OHS	•	•	•	•
Prevention of Simultaneous Running	This feature prevents simultaneous running within rapid running region of elevators installed in the same well to boost noise in the car.	PRS	—	—	o	o
Peak Traffic Control	To alleviate temporary peak traffic, heavy trafftc floors (top floor or main floor) will be given priority service.	PTC	—	—	•	•
Special Car Priority Service	When a hall call is registered, a previously specified car (e.g. observation car, alternative terminal floor car) is assigned as higher priority, provided efficiency of overall group oontrol is not disturbed seriously.	SCPs•4•s	—	—	◇	o
Car Call Button Mh SeMte Fbur Inocata	A particular car is given higher priority for service to a specified floor oompared to the other floors without priority service.	SFPS•4•9	—	—	◇	0
Main Floor Changeover Operation	Main floor can be changed by pressing the Changeover switch.	TFS •1•10	◇	◇	◇	◇
Learning Function	The function analyzes the observed traffic data and forecasts traffic tendency to ensure the optimum group control operation	TLF	—	—	—	•
Light Load Car Priority Service	When the traffic is not crowded, allocation priority is given to vacant and lightly loaded cars (car with loads of less than 10%).	ucps•4	—	—	◇	0
Up Peak Service	During the predetermined wom< hours when the up traffic from the main floor is specialty heavy, elevators are oontinuously sent to the main floor meet the needs of up peak traffic.	UPS•1	—	—	0	0
Up Peak Servce (Timed)	During offbae hours and when the up traffic from the main floor is heavy, elevators will be assigned to the main floor constantly to meet the up peak service requirements.	UPS-T	—	0	—	—
VIP Service	A specified car can be withdrawn from group service for special VIP service.	VIP-s•1•11	◇	◇	◇	◇

Note, •1 When OOAS is configured, these features cannot be configured, including: ASP, AS, FCC-A, FCC-P, FHC-P, FSAT, HE-B, AIL, TCP, BSO, IUP, UPS, VIP-S, TFS and DK0-T/TB.
•2 The dass.lication a groups must be rdcated on the non-standard config...ration COUlersig:1 form. The user stoJd provide the group switch and St>EC stoJd provide the oomection for this swich n the Ca1lrd panel n IM machine roam.
•3 The name of congested landing must be indicated on the non-standard configuration countersign form.
•4 Floor position indicator cannot be configured at the same time.
•5 The force stop floor must be specified.
•s The area range and car No. must be indteated on the non-standard configuration countersign form. It is applicable for five or more cars in a group control and when OOAS is not optional.
•7 The landing name of lunchtime service floor must be specified.
•s The car No for priority service must be specified.
•g floor position indicator cannot be configured at the same time.
•10 The landing name of the second main landing must be indicated on the non-standard configuration countersign form. The user should provide the switch and SMEC should provide the connection for this switch in the control panel in the machine room. Can be oontrolled with SmartEye.
•11 VIP car N.,, VIP switch mounting floor and the name of VIP service floor must be indicated on the non-standard configuration oounterstgn form. The floor where the VIP switch is installed is the VIP service floor by default, with two VIP swttches installed at most and controlled by SmartEye.

Basic Specifications

Item	Specifications						Remark
Speed(m/s)	1.0	1.6	1.75	2.0	2.5	3.0	
Capacity(kg)	630	630	630				
	825	825	825	825	825		
	1050	1050	1050	1050	1050	1050	
	1200		1200	1200	1200	1200	
	1350		1350	1350	1350	1350	
	1600		1600	1600	1600	1600	
	1800		1800	1800	1800		
	2000		2000	2000	2000		
	2250		2250				
	2500		2500				
Max Num. Stops	18	28	28	32	32	32	
Range of standard travel rise(m) *	3.4-60	7.3-80	7.3-80	9.1-120	13.3-120	15-120	
Operation Mode	1C-2BC, 2C-4C-SM21, 2C-4C-ITS-21, 3C-8C-ITS-2100						When 2C-SM21 is 1D1G only, 2C-4C-ITS-21 are optional
Control Mode	VFH-LA VWF, micro-computer data network control system						
Roping	2: 1						
Traction Machine	PM synchronous traction machine						
Support mode of the traction machine	supported by guiderails						
Machine room	top of hoistway (machine-room-less)						
Door Opening Mode	Center opening						
	Two panel sliding						
Door drive mode	VWF (PM door operator)						
Door Opening Type	1D1G						
	1D2G/2D2G						
Dynamic Power	380V 50Hz 3 phases, 5 lines						
Lighting Power	220V 50Hz Single-phase						
CWT Position	Side						
CWT Safety Gear	Not provided, Provided						
Min. Landing Height (mm)	2800						Concrete nosing will be provided by the customer; HH=2100, HL=2200
	2600						Steel nosing will be provided by the Seller. HH=2100, HL=2200
Landing Display Range (Standard)	-5-48, 1B,2B,3B,4B,5B,A,B,B1,B2,B3,B4,B5,B6,C,D, E, G, G1, G2, G3, GF, H, K, L, L1, L2, L3, LB, LG, M, M1, M2, M3, M4, M5, M6, MB, P, PQ, P1, P2, P3, P4, P5, PB, PH, PL, PP,R,R1,R2,R3,S,S1,S2,S3,S4,S5,T,UB,UG						Segment LCDs are not fit to display three-digit floor information (for example, 12.1, 12.2, 22.1, 22.2, and 13F). The display range of hall position indicator of one elevator is listed in Table A or Table B. If it is listed in Table A and Table B (i.e. some in Table A and some in Table B), it is a non-standard configuration.
Landing Display Range (Non-standard: out of the above scope)	-5-48, 1B,2B,3B,4B,5B,A,B,B1,B2,B3,B4,B5,B6,C,D,E, G, G1, G2, G3, GF, H, K, L, L1, L2, L3, LB, LG, M, M1, M2, M3, M4, M5, M6, MB, P, PQ, P1, P2, 15A, 12.1, 12.2, 22.1, 22.2, 2A, 19A, 1A, 13F, 3F, F1, F2, 22A, RC, 4A, 15B, 13B, F, D1, D2, 1M, 2M, 3M, 3A, 5A, 12A, 12B, 13A, 23A, 16A, 16B, 17A						

Note, *If it exceeds the specifications listed in the sample, please contact Shanghai Mitsubishi Elevator Co., Ltd., and the details are subject to the contract signed by both parties.

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