

DLINE

Elevator & Escalator

专业电梯
OEM制造商

ZHONGCAN MACHINERY CO.,LTD.
中灿电梯智能科技(山东)有限公司

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別墅电梯系列
Villa elevator series

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未来工厂 助力产业升级

Factory of the future
Boost industrial upgrading

中灿将科技创新融入管理理念，搭建起技术创新“未来工厂”，以世界尖端设备和众多技术专利为支点，不断提升电梯制造的数字化、网络化、智能化水平，以智慧科技驱动制造业数智化变革，让中国电梯产业加速完成从“中国制造”到“中国智造”的转变。

ZHONGCAN Villa Elevator combines sci-tech innovation into management concept. It constructs a future factory for technological innovation. It is supported by the world's top-class equipment and vast technical patents. It keeps enhancing digital, network, intellectual standards of elevator manufacture. It drives a smart digital reform in the manufacture industry by intellectual technology. Therefore China elevator industry quickly changes from "Made in China" to "Intellectually Made in China".



全自动生产线 Fully automatic production 智能机器人 Intellectual robot 激光切割机 Laser cutting machine 喷涂设备 Painted equipment



SMART TECHNOLOGY AND SMART LIFE

灵动科技，享智慧生活



宁静自然

专用别墅曳引机与静音控制台的精妙组合，完美消除运行噪音，不影响家居生活与休息，予您方便的同时，予您安逸。

Quiet and natural

The ingenious combination of the traction machine and the mute console in the villa perfectly eliminates the running noise, does not affect the home life and rest, and gives you convenience and comfort at the same time.



物联网智能云监控平台

物联网电梯监控系统实时监测电梯运行状态，及时预警、报警，并主动通过后台发送信息，就近派遣维保人员上门，为您排忧解难。

Internet of things Intelligent Cloud monitoring platform

The elevator monitoring system of Internet of things can monitor the running status of the elevator in real time, give early warning and alarm in time, and actively send information through the background to send maintenance personnel to the door nearby to solve your problems.



ARD停电应急自动救援

当意外失去电源供应时，ARD系统自动启用备用电源，点亮应急灯，就近平层打开电梯门，保证乘客平安走出电梯，防止停电时的困人事故发生。

Emergency automatic rescue for ard power failure

When the power supply is lost accidentally, the ard system automatically turns on the standby power supply, lights up the emergency light, and opens the elevator door on the nearest flat floor, so as to ensure that the passengers can walk out of the elevator safely and prevent the occurrence of trapped accidents in case of power failure.

SMALL MACHINE ROOM PASSENGER ELEVATOR

it creates space and fulfills the outstanding effects

In order to save building space, expand the utilization ratio of building space, make the operation more flexible and reliable, and make the building more beautiful, Best fast small room passenger elevator. dense permanent magnet synchronous gearless tractor and control cabinet with special design are used to make the area of machine room exactly the same as that of well path.

reasonable civil engineering arrangement

Realize consistent size between machine room and well, reduce machine room height by 250mm, reserving larger construction space.



MACHINE ROOMLESS PASSENGER ELEVATOR

greatness in trivialness, intellectual and outstanding

Machine roomless elevator series resolves the restriction to the elevator in the construction, building cost, building design style, use range. At the same time of saving the space and cost, it provides the passengers with upper level intellectual, effective and stable travel.

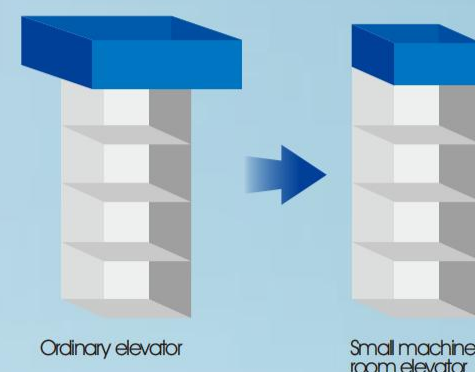
it provides building design with infinite freedom

It puts the whole elevator into the well. It leaves machine room space for vast architects or developers to execute the freer design modes.



30%
High efficiency and 30% energy saving

40+%
Machine room area shrinks more than 40%



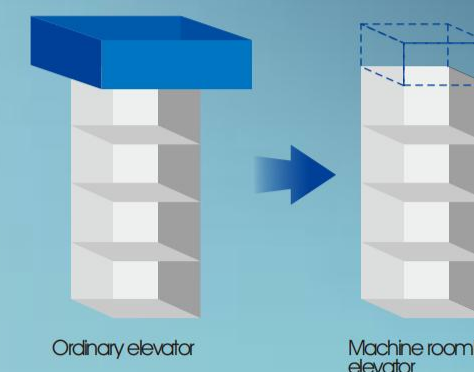
Ordinary elevator

Small machine room elevator

10%
It saves 10% of the building area

40%
It saves 40% of the electric energy

25+%
It enhances 25%~30% of the efficiency



Ordinary elevator

Machine roomless elevator

钢结构井架

Steel structure well frame



钢结构切面
Steel structure section

钢结构井架特点

Features of steel structure well frame

性价比高，外包板后期由装修单位封装与设计风格一致，安装位置可自选，表面喷涂防锈处理，耐腐蚀。

Cost-effective, packaging and design style of the outer board by the decoration unit is the same in the later stage, installation location can be optional, surface spraying rust-proof treatment, corrosion resistance.

高级喷涂钢结构框架

Advanced spray steel structure well frame



黑色
Black



炫彩银
Dazzle colour
silver



铝合金井架

Aluminum alloy well frame



铝合金切面
Aluminum alloy section

铝合金井架特点

Features of aluminum alloy well frame

独立的框架玻璃设计，不额外增加建筑成本，透光性好，与室内装潢融为一体；安装位置可自选，耐腐蚀，寿命周期长，选用工业级铝合金，玻璃采用安全夹胶玻璃。

Independent frame glass design without additional construction costs. Translucent and integrated into the interior. Installation location optional, corrosion resistant long life cycle. Selection of industrial grade aluminum alloy, glass with safety laminated glass.

高级喷涂铝合金框架

Advanced spray aluminum alloy frame



香槟银 Champagne silver
炫彩金 Dazzling gold
古铜色 Bronze
玫瑰金 Rose gold
砂纹灰 Sand grain gray
砂纹黑 Sand-streaks black

可选封板材质

Optional seal material



透明玻璃 Transparent glass
磨砂玻璃 Frosted glass
青灰色玻璃 Turquoise glass
欧茶色玻璃 European tea glass



轿厢装潢 与美共生
诠释至简视觉

ZC -2401

吊 顶
镜面不锈钢, LED筒灯
轿 壁
发纹不锈钢, 镜面不锈钢
扶 手
无
地 板
标配岩板 (选配PVC和大理石)

Ceiling
Mirror stainless steel, LED downlight
Car wall
Hairline stainless steel, mirror stainless steel
Handrail
None
Floor
Standard rock plate (optional PVC and marble)



扫码观看720°全景



ZC -2402

吊 顶
镜面不锈钢, 亚克力透光板, LED筒灯
轿 壁
原色喷砂不锈钢, 镜面不锈钢
扶 手
无
地 板
标配岩板 (选配PVC和大理石)

Ceiling
Mirror stainless steel, acrylic light-emitting panel, LED downlight
Car wall
Primary sandblasted stainless steel, mirror stainless steel
Handrail
None
Floor
Standard rock plate (optional PVC and marble)



扫码观看720°全景



瑰意

ROSY WISH

ZC-2403

吊 顶
镜面不锈钢窄边框，亚克力透光板

轿 壁
玫瑰金喷砂不锈钢，玫瑰金镜面不锈钢，原色喷砂不锈钢，镜面不锈钢

扶 手
无

地 板
标配岩板（选配PVC和大理石）

Ceiling
Mirror stainless steel narrow side frame, acrylic light-emitting panel

Car wall
Rose gold sand-blasted stainless steel, rose gold mirror stainless steel, original color sand-blasted stainless steel, mirror stainless steel

Handrail
None

Floor
Standard rock plate (optional PVC and marble)



扫码观看720°全景



ZC-2404

吊 顶
玫瑰金镜面不锈钢框架，亚克力透光板，LED筒灯

轿 壁
玫瑰金发纹不锈钢，玫瑰金镜面蚀刻不锈钢

扶 手
玫瑰金镜面圆扶手

地 板
标配岩板（选配PVC和大理石）

Ceiling
Rose gold mirror stainless steel frame, acrylic light-emitting panel, LED downlight

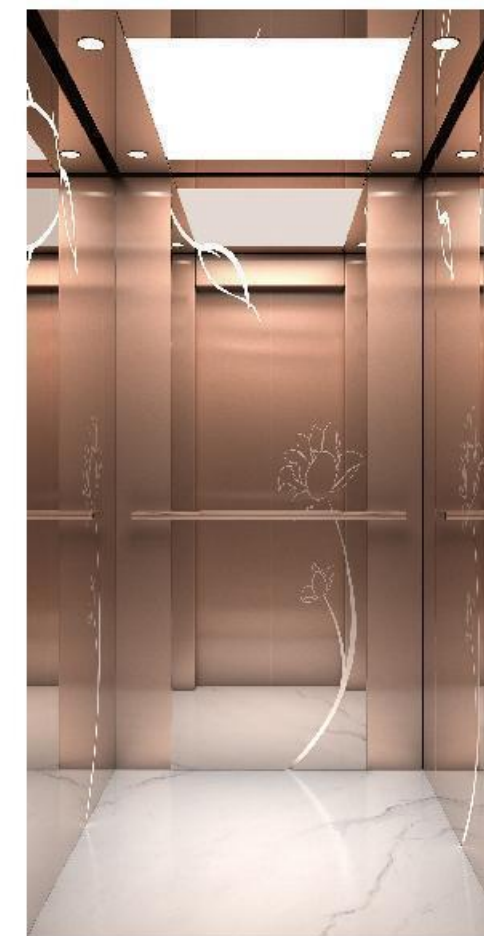
Car wall
Rose gold hairline stainless steel, rose gold mirror etched stainless steel

Handrail
Rose gold mirror round handrail

Floor
Standard rock plate (optional PVC and marble)



扫码观看720°全景



ZC-2405

吊 顶
钢板烤漆，古铜不锈钢圈边，暗藏灯带，LED筒灯

轿 壁
古铜发纹不锈钢，镜面不锈钢，LED灯

扶 手
无

地 板
标配岩板（选配PVC和大理石）

Ceiling
Steel plate baked enamel, bronze stainless steel rim, hidden light band, LED downlight

Car wall
Bronze hairline stainless steel, mirror stainless steel, LED light

Handrail
None

Floor
Standard rock plate (optional PVC and marble)



扫码观看720°全景



轿厢装潢 尽显大千
定格美学空间

ZC-2419

吊 顶
镜面不锈钢, 亚克力透光板

轿 壁
发纹不锈钢, 安全夹胶玻璃

扶 手
无

地 板
标配岩板 (选配PVC和大理石)

Ceiling
Mirror stainless steel, acrylic light-emitting panel

Car wall
Hairline stainless steel, safety laminated glass

Handrail
None

Floor
Standard rock plate (optional PVC and marble)



扫码观看720°全景



ZC -2420

吊 顶
镜面不锈钢, 亚克力灯饰, LED筒灯

轿 壁
镜面不锈钢, 安全夹胶玻璃

扶 手
镜面不锈钢落地扶手

地 板
标配岩板 (选配PVC和大理石)

Ceiling
Mirror stainless steel, acrylic lighting, LED downlight

Car wall
Mirror stainless steel, safety laminated glass

Handrail
Mirror stainless steel floor-type handrail

Floor
Standard rock plate (optional PVC and marble)



扫码观看720°全景



星河

GALAXY

ZC-2421

吊 顶
铝合金星空顶, 氛围灯

轿 壁
铝合金, 钢化玻璃组合

扶 手
无

地 板
标配岩板 (选配PVC和大理石)

Ceiling
Aluminum alloy starry zenith, ambient lighting

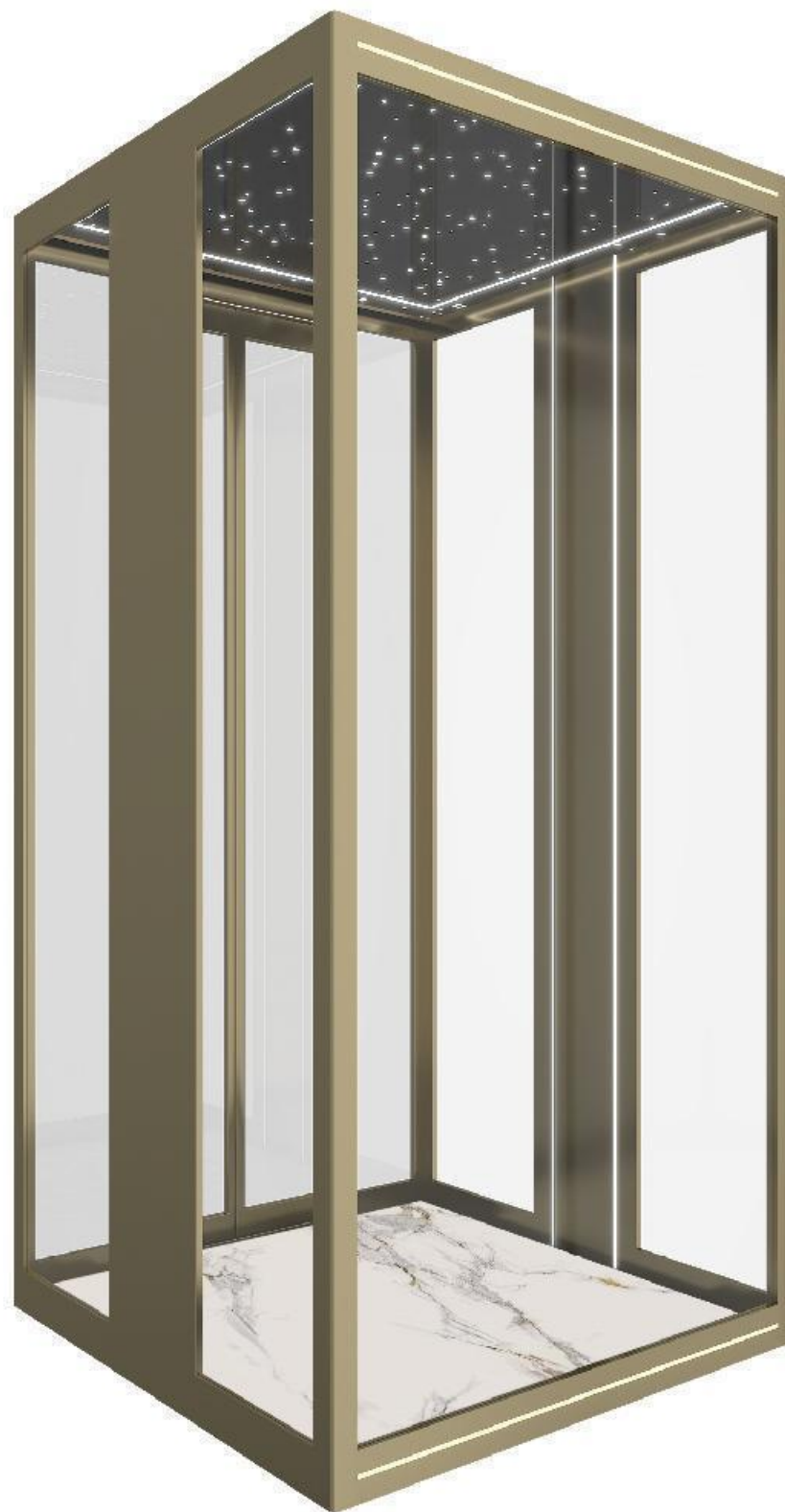
Car wall
Aluminum alloy and tempered glass combination

Handrail
None

Floor
Standard rock plate (optional PVC and marble)



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宇宙

UNIVERSE

ZC-2422

吊 顶
灿若繁星光纤吊顶, LED灯带

轿 壁
钛金不锈钢, 安全夹胶玻璃

扶 手
无

地 板
标配岩板 (选配PVC和大理石)

Ceiling
Brilliant and starry fiber optic suspended ceiling, LED light band

Car wall
Titanium stainless steel, safety laminated glass

Handrail
None

Floor
Standard rock plate (optional PVC and marble)



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MUMAN-MACHINE INTERFACE

人机界面



DL-C02
选配一体式
Optional integrated



DL-C01
标配Standard



DL-C03
选配Optional



DL-C05
选配Optional



DL-C06
选配Optional



DL-W01
选配Optional



DL-C04
选配Optional



DL-W02
选配Optional



DL-C07
选配Optional



DL-C08
选配Optional



DL-C09
选配Optional

外呼系列 Outbound series



DL-W03
选配Optional



DL-W04
选配Optional



DL-W05
选配Optional



DL-W06
选配Optional



DL-W07
选配Optional



DL-W08
选配Optional

厅门系列

Landing door series

厅门材质可选

Landing material optional



发纹不锈钢
Hairline stainless steel



黑钛发纹
Black titanium hairline



古铜镜面
Bronze mirror



香槟金喷砂
Champagne gold sand-blasted



玫瑰金喷砂
Rose gold sand-blasted



ZC-M01
香槟金发纹蚀刻
Champagne gold hairline etched



ZC-M02
玫瑰金发纹蚀刻
Rose gold hairline etched



ZC-M03
古铜发纹蚀刻
Bronze hairline etched



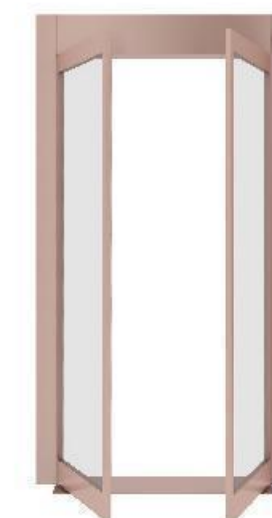
ZC-M04
发纹/铝合金边框玻璃门
Hairline aluminum alloy frame glass door



ZC-M05
中分双折玻璃门
Split double folding glass door



ZC-M06
白色手拉门
White sliding door



ZC-M07
自动平开门
Automatic swing door

框架颜色可选

Frame with optional colors



香槟银 Champagne silver
炫彩金 Dazzling gold
古铜色 Bronze
玫瑰金 Rose gold
砂纹灰 Sand grain gray
砂纹黑 Sand-streaks black

DECORATION ACCESSORIES

装潢配件

扶手系列 (选配)

Handrail series (Optional)



DL-FS01

标配 Standard



DL-FS02

选配 Optional



DL-FS03

选配 Optional



DL-FS04

选配 Optional

门拉手系列 (选配)

Door handle series (Optional)



DL-LS01

选配 Optional



DL-LS02

选配 Optional



DL-LS03

选配 Optional



DL-LS04

选配 Optional

吊顶系列 (选配)

Ceiling series (Optional)



DL-D01

选配 Optional



DL-D02

选配 Optional



DL-D03

选配 Optional



DL-D04

选配 Optional



DL-D05

选配 Optional



DL-D06

选配 Optional

地板系列 (选配)

Floor series (Optional)



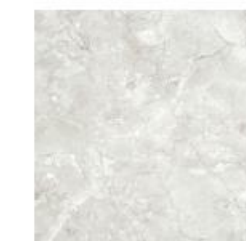
DL-DB01



DL-DB02



DL-DB03



DL-DB04



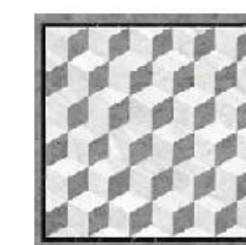
DL-DB05



DL-DB06



DL-DB07



DL-DB08

电梯功能表

Elevator function table

安全功能		Safety function	
主机过热保护 Host over-heat protection	S	轿门触点 Car door contactor	S
安全回路分段检测 Safety loop sectional detection	S	轿厢照明主开关盒主保险-控制柜内 Main fuse of car lighting main switch box — inside control cabinet	S
总电源开关箱 Main power switch box	S	底坑撑杆触点 Pit supporting rod contactor	S
运行小时累计 Accumulated running hours	S	轿顶撑杆触点 Car-top supporting rod contactor	S
轿厢位置开关 Car position switch	S	手动松闸功能 Manual brake-releasing function	S
轿厢紧停开关-轿顶 Car emergency-stop switch — car-top	S	紧急轿厢照明 Emergency car lighting	S
轿厢紧停开关-底坑 Car emergency-stop switch — pit	S	手动紧急救援 Manual emergency rescue	S
安全钳安全触点 Safety tongs safety contactor	S	断电紧急平层ARD Power-failure emergency leveling ARD	S
限速器安全触点 Speed limiter safety contactor	S	应急电话（一键拨号电话） Emergency telephone (one-key dial telephone)	S
电梯主开关-控制柜内 Main elevator switch — inside control cabinet	S	自动发送救援信息功能（GSM功能） Automatic sending function of rescue information (GSM function)	○
禁止开门开关 No-opening switch	S	家用设备断电应急供电功能（UPS功能） Home equipment power-failure emergency power-supply function (UPS function)	○
限速器张紧安全触点 Speed limiter tensioning safety contactor	S		
信息功能		Information function	
外呼登楼显示灯 Outer calling log-in display lamp	S	内呼登楼显示灯 Inner calling log-in display lamp	S
各层均有方向箭头，层位显示 Directional arrow, landing display at each floor	S	超载功能图案及蜂鸣器 Overload functional design and buzzer	S
门区指示灯 Door zone indication lamp	S	轿厢位置指示 Car position indication	S
运行次数累计 Accumulated running times	S	运行方向指示 Running direction indication	S
一般故障信号 Common trouble signal	S		

控制功能		Control function	
禁止外呼 No outer calling	S	紧急召回 Emergency recall	S
自动门 Automatic door	S	测试运行 Testing operation	S
各层开关门时间可统一调节 Door opening / closing time at each floor can be unanimously adjusted	S	电梯门未开则自动开往下一站 If elevator door does not open, it automatically goes to next landing	S
检修运行 Inspection operation	S	NMS远程监控 NMS long-distance monitor	○
乘客舒适功能		Passengers comfortable function	
开门按钮 Door-opening button	S	轿内风扇 Car fan	S
关门按钮 Door-closing button	S	轿内照明监察 Car lighting monitor	S
光幕 Light curtain	S	背景音乐/语音报站 Background music / voice arrival	○
二次按钮取消错误内呼 Secondary button-pressing cancelling of error inner-calling	S	残疾人使用功能（盲人按钮，语音提示） Use functions for disabled (buttons for the blind, voice prompt)	○
按钮黏滞监察 Monitor of sticky button-pressing	S	外呼再开门 Outer calling re-opening	S
反向内呼 Reversal inner-calling	S	贯通门 Opposite door	○
轿内照明 Car lighting	S	可选开门（如有通门） Optional opening (if opposite door is available)	○

S 标准功能
Standard function

○ 可选功能
Optional function

DUMBWAITER

The durability of products and the service provided to facilities are particularly important for industrial clients. With experience and high level of professionalism, we can help you to design best solutions to enhance your operational efficiency.



Table type
(Bi-parting)



Floor type
(Bi-parting)



occupying less space

Requiring less robust structural support, our solutions can be seamlessly and economically integrated into both new and existing buildings.

human-centric design

Ensures that the elevator's operation is more adaptable and user-friendly.



传菜机 Food Elevator

中灿传菜机不同于市场上电葫芦的形式，我们的传菜机采用集微机控制、模块化系统及先进的自检程序为一体的全电脑控制。

Zhongcan dumbwaiter elevator is different from the electric hoist in the market. Our vegetable transfer machine adopts full computer control integrating microcomputer control, modular system and advanced self-inspection program.



产品特点

1. 高集成化32位双CPU，提高了数据处理速度，功能强大操作简便。
2. 设计新颖独特、结构紧凑，自带框架更能节约建筑时间、材料和成本，同时也能更有效地利用建筑空间。
3. 自动开关控制。当开门和关门时，电梯自动停止运行，智能控制确保使用安全。

1. Highly integrated 32-bit dual CPU, which improves the data processing speed, powerful functions and easy operation.
2. The design is novel and unique, the structure is compact, and the self-contained frame can save construction time, materials and costs, and can also make more effective use of construction space.
3. Automatic switch control

When the door is opened and closed, the elevator automatically stops running. Intelligent control ensures safe use.

Configuration Table

Part Name	Specifications
Car	304 Hairline Stainless steel
Landing door, car door	304 Hairline Stainless steel
Traction machine	100kg
Control cabinet	Microcomputer
Up and down line contactorS	Up and down line contactors
Main contactor	NXC-12
Terminal XT1	TD 2010
Terminal XT2	8500
Crystal oscillators	14.7456 M
Photocouplers	EL 817
Digital tube	LG3911AH
Voltage regulator chips	LM2576-12
	LM2576-5
Microcontrollers	Atmega169
Relays	JZC-32F-012

全方位服务

All-round service



私人专享方案

Fully customized private solution



720°效果选配预案

720° effect selection plan is provided



提供安装调试服务

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