

菱王在全球

WINONE GLOBALLY



WINONE 菱王电梯

主要经营：专业生产乘客电梯/观光电梯/载货电梯/自动扶梯及自动人行道等
MAIN BUSINESS: SPECIALIZING IN PRODUCTION OF PASSENGER ELEVATOR/PANORAMIC ELEVATOR/AUTOMATIC ESCALATOR AND MOVING WALK, ETC

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2014-12



WIN2000 系列汽车电梯

W2000 SERIES
CAR ELEVATOR

WINONE 菱王电梯股份有限公司
WINONE ELEVATOR CORPORATION LIMITED

WIN2000

WIN2000 SERIES CAR ELEVATOR



菱王电梯股份有限公司 WINONE ELEVATOR | www.winone.cn



阔大空间 安全承载

LARGE SPACE & SAFE OPERATION

菱王WIN2000汽车电梯，结合汽车产品的特殊性而专门设计，专业的电路控制及显示系统，方便轿内司机免下车操作，又方便轿外候梯乘客；高强度型材工艺制造，拥有运载性能强、经久耐用、操作简便、高效节能等卓越性能，成为保护您爱车下上的护航者。

WIN2000 car elevator, specially designed by the features of automobile, owns the professional circuit control system and display system, for the convenience of car drivers and the waiting passengers. High strength material and process manufacturing, with strong delivery performance, durable, easy operation, high efficiency, etc. All these outstanding features, is a great keeper to protect your car.





WIN2000

系列汽车电梯

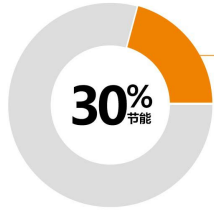
WIN2000 SERIES

CAR ELEVATOR

Winone elevator

WINONE | 安稳高效 车梯典范

SECURE EFFICIENT
CAR LADDER MODEL



永磁同步无齿轮主机+能源回馈系统

SPM Gearless Machine + Energy Feedback System

选配
OPTIONAL



循环利用资源

RECYCLING USE OF RESOURCES



低碳排放

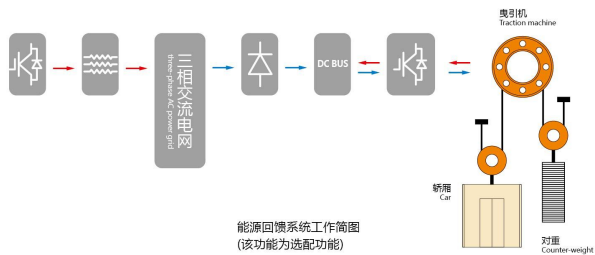
LOW CARBON EMISSION



生态环境保护

THE PROTECTION OF THE ECOLOGICAL ENVIRONMENT

跟传统的制动电阻相比，菱王电梯能源回馈系统具有节能、高效的特点。
Compared with the traditional braking resistor, WINONE elevator energy feedback system has the characteristics of energy saving, high efficiency.



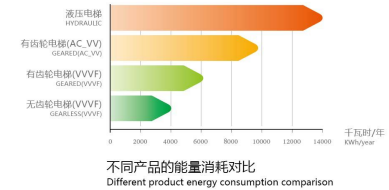
能源回馈系统工作简图
(该功能为选配功能)
working diagram of energy feedback system
(optional function)

环保节能，引领未来新风向

ENVIRONMENTAL PROTECTION AND ENERGY SAVING, LEADING A NEW FUTURE FASHION

行业领先的新一代永磁同步无齿轮曳引机，彻底降低了电梯的运行成本，实现节约能源、节约空间的要求；创造性地将能源回馈技术应用于电梯领域，将电梯运行中的势能有效转化为电能回馈电网，极大地减少了对电源的谐波污染，实现了能源的再生利用。

Industry-leading new generation SPM gearless traction machine, completely reduce running cost of the elevator, achieve energy saving, space saving, etc environmental requirements; The creative use of energy feedback technology is applied in the elevator, the elevator energy turn into the electricity, greatly reduces the harmonic pollution to the power supply, realizes the utilization of renewable energy.



菱王创新科技，安全优先考量

WINONE INNOVATIVE TECHNOLOGY, SECURITY CONSIDERED TO BE PRIORITY

菱王电梯的远程监控系统、精确的位置控制系统、灵敏的地震运行功能、微机群控系统，所有创新科技的应用都体现了菱王电梯安全优先考量的原则，每一处细节都体现我们对客户的贴心关怀。（此项为选配功能）

WINONE elevator remote monitoring system, accurate position control system, sensitive earthquake testing function, microcomputer control system, the application of all technological innovation embodies winone elevator safety priority principle, every detail is our intimate care. (This function is optional)



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系列汽车电梯

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CAR ELEVATOR

Winone elevator

WINONE | 安稳高效 车梯典范

SECURE EFFICIENT
CAR LADDER MODEL

小机房、无机房电梯，开启节能、节材新时代

MINI MACHINE ROOM AND MACHINE ROOMLESS, OPEN A NEW ERA OF ENERGY AND MATERIAL SAVING

菱王小机房/无机房汽车电梯，提升了电梯的运行效率，使电梯变得更轻巧环保，从而为您节省宝贵的建筑面积及节约电能。

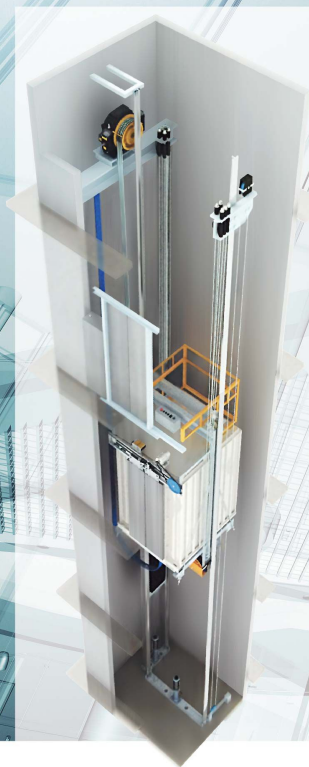
Winone Mini Machine Room/MRL Car Elevator, improve the running efficiency of elevator, also become smaller and environment protection, so as to save your valuable building space and energy saving.

⚡ 永磁同步无齿轮小机房、无机房电梯，比传统曳引机节约30%的能耗。

Compared with the traditional traction machine, SPM Gearless Mini Machine Room and Machine Roomless Elevator can save around 30% energy.

⚡ 永磁同步无齿轮小机房、无机房电梯，比传统曳引机提高25%~30%的传动效率。

Compared with the traditional traction machine, SPM Gearless Mini Machine Room and Machine Roomless Elevator has improved 25% to 30% transmission efficiency.



噪音低
Low noise



绿色环保
Green environmental protection



高效节能
High efficiency and energy saving

节约建筑成本 SAVE BUILDING COST

菱王无机房汽车电梯省去机房空间面积，使您更有效地利用建筑空间。它能节约建筑时间、材料和成本。

Winone Machine Roomless Car Elevator can save space of machine room, to use the architectural space effectively. It can also save construction time, material and cost.

MACHINE ROOMLESS CAR ELEVATOR

无机房汽车电梯 >



节省空间
Save space



稳定可靠
Stable and reliable

便捷安装 提高效率

CONVENIENT INSTALLATION TO IMPROVE EFFICIENCY

菱王小机房汽车电梯结构紧凑、轻盈小巧，安装方便，维护便捷，能大大节省空间，提高安装效率。

Winone Mini Machine Room Car Elevator structure is compact, light, easy installation and convenient maintenance, can save space greatly and improve the efficiency of installation.

MINI MACHINE ROOM CAR ELEVATOR

< 小机房汽车电梯





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系列汽车电梯

WIN2000 SERIES

CAR ELEVATOR

Winone elevator



轿厢 CAR

空间宽敞明亮，给您提供更强劲的运载感受。
Space is capacious, bright, and is equipped with special car ladder control box, all show considerate care

轿顶装潢
CAR CEILING 一体式吊顶、LED照明
ONE-PIECE CEILING, LED LIGHTING

轿壁装潢
CAR WALL 喷塑钢板
PAINTED STEEL PLATE

轿底装潢
CAR FLOOR 花纹钢板
CHECKERED STEEL FLOOR

WINONE | 安稳高效 车梯典范

SECURE EFFICIENT
CAR LADDER MODEL

操纵箱/外呼盒 COP/ LOP

WINONE系列电梯操纵箱、外呼盒，造型简约，极富现代感，轻触式的按钮，操作方便自如。层楼及方向采用点阵显示器，并可根据用户的要求显示特殊的数字。

WINONE series elevator of control operation panel and hall call panel are simple and modern. Light touch button makes easy operation. High brightness LED digital display are used for floors and direction. Special number can be display according to users' requirements.

| | |
|----------------------------------|---|
| 材质 TEXTURE OF MATERIAL | 发纹不锈钢 HARLINE STAINLESS STEEL |
| 显示 DISPLAY | COP白光点阵；LOP白光点阵 COP WHITE DOT MATRIX, LOP WHITE DOT MATRIX |
| 按钮 BUTTON | 发纹不锈钢；凸字；白光 HARLINE STAINLESS STEEL WITH BRALLE, WHITE LIGHT |

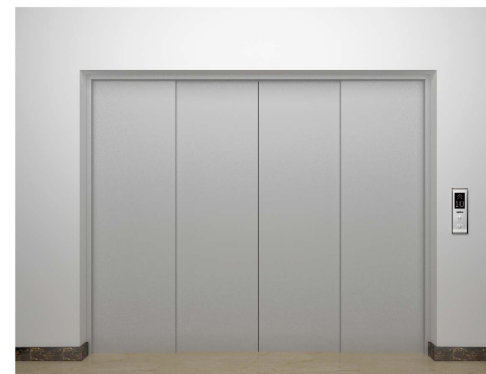


L1311A-F

B1313A-F

汽车梯专用操纵箱，方便轿内司机免下车操作，体现人性化设计理念，让您更显尊贵。

Special control operation panel of car elevator, convenient for car driver operation, embodies the humanized design concept, make you more distinguished.



层门款式 LANDING DOOR

层门、门套的装潢、色彩和材料品种繁多，多种组合可供选择，确保电梯设计与大楼环境统一。

Various finishes, color and material of landing door and landing door jamb, multi combination for choosing, to ensure elevator design and the building matching.

门套
DOOR JAMB 喷塑钢板
PAINTED STEEL

层门
LANDING DOOR 喷塑钢板
PAINTED STEEL



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CAR ELEVATOR

Winone elevator

WINONE

| 安稳高效 车梯典范

SECURE EFFICIENT
CAR LADDER MODEL

标配功能表 STANDARD FUNCTIONS

安全保护功能 Security functions

| | | |
|----|---|---|
| 1 | 门区外不能开门保护 Door can't open beyond door zone | 为安全起见，在门区外，系统设定不能开门。 For security, elevator door can't open if cabin is not in door zone. |
| 2 | 门光幕保护 Infrared light curtain protection | 当两扇轿门的中间有物体阻挡时，光幕保护动作，电梯就会开门。 When there is something block between doors, infrared will activate then doors open. |
| 3 | 超载保护 Over load protection | 当电梯承载的重量超过所规定的重量时超载动作，电梯不关门，不能运行且蜂鸣器响。 When overload, elevator doors don't close and buzzer rings. |
| 4 | 逆行运行保护 Reversal running protection | 检测电梯规定时间内运行方向与指令方向不一致时，立即停车故障报警。 When inspect the reverse running direction to the running order, elevator will stop and comes error record. |
| 5 | 打滑保护 Anti skip protection | 自动状态下，电梯连续运行规定时间后，没有平层开关动作，电梯就会报打滑保护。 After the elevator run for a certain of time without leveling switch activate, elevator will begin anti skip protection. |
| 6 | 终端开关故障保护 Terminal switch failure protection | 防止在终端开关失效的状态下继续运行导致故障。 In case of terminal switch failure, system stop the elevator running. |
| 7 | 终端越程故障保护 Terminal over run protection | 电梯上下终端都装有开关(减速、限位及极限)，以保证电梯不会超越行程。 To ensure elevator won't over run, there are terminal switches both in upper part and lower part of the shaft. |
| 8 | 相序保护 Phase protection | 当供电电源发生断相、缺相和错相时，停止电梯运行。 Elevator will stop running when detect wrong phase and missing phase. |
| 9 | 安全接触器触点粘连保护 Contactor protection | 检测触点(安全触点接触器触点和线圈的驱动状态不一致时，停止电梯一切运行。 When detect the difference between contactor and coil, elevator will stop. |
| 10 | 井道自学习失败诊断 Failure analysis of shaft study | 井道自学习未能正确完成时设置了井道自学习失败诊断。 When shaft study doesn't finish, system will analysis the failure reason. |
| 11 | 马达温度保护 Motor over heat protection | 为防止马达过热导致运行危险而设置的保护功能。 The function to protect motor overheat. |
| 12 | 关门故障保护 Door opening failure protection | 系统检测门系统上开关状态，发现异常时停止电梯继续运行，防止事故发生。 When system detect the door lock failure, it will stop the elevator to prevent accident happens. |
| 13 | 门锁短路故障保护 Protection for door lock bridge | 在电梯开门到位后，若系统检测到门锁接触器接通，则故障报警，并采取消运行。 When door fully open, if the system detect problems with the door door contactor, elevator will stop. |
| 14 | 运行中门锁断开保护 Protection for door lock break when running | 运行中如果电梯的任何一个门锁发生断开现象，电梯就会急停保护。 The elevator stop running if the door lock suddenly break. |
| 15 | 超速保护 Over speed protection | 为防止速度超出控制范围的运行导致的安全问题，实施此保护。 When over speed, elevator will stop running. |
| 16 | 抱闸开关触点检测保护 Protection for brake contactor | 系统检测抱闸是否可靠动作，发现抱闸不能可靠动作，则进行保护动作。 If system detect the brake active is not reliable, it will start the protection. |
| 17 | 盘车安全保护功能 Wheeling protection | 在救援时的安全保护。 Protection when rescuing. |
| 18 | 平层开关故障保护 Leveling switch protection | 为了防止平层开关发生故障引起电梯异常情况而采取的一种安全保护。 A protection to prevent failure occurs when leveling. |
| 19 | CAN通讯故障保护 CAN communication protection | 当CAN通讯发生故障时防止继续运行导致危险。 Stop running when CAN communication error occurs. |
| 20 | 主回路故障保护 Main circuit protection | 系统检测到主回路故障信号时就紧急停车，并在有故障时停止电梯运行。 In case of main circuit comes out problems. |
| 21 | 主控CPU WDT保护 Main CPU WDT protection | 当检测到CPU WDT故障或程序故障时，WDT回路强行断开主控制器输出，并使CPU复位。 When detect CPU WDT failure, WDT circuit will stop the output and reset the CPU. |

运行控制功能 Running control functions

| | | |
|----|--|---|
| 1 | 全集选控制 Full collective control | 在响应运行指令的同时，任何层楼或轿厢内的乘客都可召唤电梯。 When the elevator responds to order, Passenger from the cabin or floor can call the elevator. |
| 2 | 检修运行 Inspection operation | 当符合运行条件，按下/下行按钮可使电梯以检修速度向上/下运行。 When in Inspection, push UP/DN button can drive the elevator accordingly in low speed. |
| 3 | 慢速自救运行 Low speed running | 电梯处于正常状态下，且不在门区，此时只要符合启动的安全要求，电梯将自动以慢速运行至平层，开门放客。 In Normal condition and cabin not in door zone, elevator will move to the closest floor and open door to let people go out. |
| 4 | 到站自动开门 Automatic door opening when arrive | 电梯在自动状态下，到了指令楼层或外召楼层后会自动开门。 Elevator will open the door automatically when reach the required floor. |
| 5 | 保持开门时间的自动控制 Controllable door opening time | 在自动状态下，电梯到站开门后，延时若干时间后自动关门。 When in normal mode, door will open automatically, then close in a certain of time. |
| 6 | 本层厅外开门 Door open button (hall call panel) | 本层召唤按钮被按下，电梯门自动打开，召唤按钮按住不放，门保持打开。 Door remain opening when the OPEN button is pressed. |
| 7 | 关门按钮提前关门 Door pre closing function | 在自动及保持开门的状态下，可以按关门按钮使门立即响应关门动作。 Close the door when CLOSE button is pressed. |
| 8 | 开门按钮开门 Door open button (car operation panel) | 电梯停在门区时，在轿厢内按开门按钮使已经关闭或尚未关闭的门打开。 When the cabin is in door zone, press OPEN button makes the door open again. |
| 9 | 轿内照明风扇自动节能 Automatic turn off lighting and fan | 电梯无指令和外召登记超过规定时间(3分钟)，轿内照明、风扇自动断电。 When there is no calling for more than 3 minutes, system will close the fan the lighting in the cabin. |
| 10 | 自动返基站 Automatic return home floor | 自动状态下，当无指令和召唤时，电梯在一定时间延时而后自动返回基站。 In Normal condition, elevator return to home floor when there is no calls or indications. |
| 11 | 重复关门 Door reclosing | 在门机系统的偶然性故障或异物卡在门中间导致的停梯故障时，尝试再次关门。 When there is block in the door zone and cause the door close error, system will try to close the door again. |
| 12 | 故障历史记录 Error recording | 可记录10条以上最近的故障。 Main board can record the recent 10 errors at most. |
| 13 | 井道层楼数据自主学习 Shaft self study | 电梯正式运行前，学习井道内各种数据(层高、开关等)，并永久保存这些数据。 Elevator can learn the shaft data and situation automatically before using. |
| 14 | 司机操作 Attendant service | 司机操作时，电梯关门时司机持续按关门按钮条件下进行，只响应轿内指令。 Elevator only responds to the order from the cabin when attendant service is on. |
| 15 | 直驶操作 Bypass operation | 在司机情况下，按直驶开关，电梯直接运行到轿内的指令层，不响应外呼召唤。 When elevator in attendant mode, press the BYPASS button, elevator will run directly to the required floor without getting any call outside. |
| 16 | 自动修正层楼位置信号 Automatic correct floor position signal | 系统运行到终端和平层开关点时，对电梯位置信号以自主学习位置数据进行修正。 Correcting the data when the elevator reach final limit switch. |
| 17 | 锁梯服务 Elevator locking | 自动状态下，锁梯开关有效后，电梯响应完所有召唤登记并返回基站，自动关门后关闭轿内照明和风扇，而后停止运行。 After locking, elevator will finish all the calling and return to home floor, then turn off the fan and light. |
| 18 | 双门控制 Double door control | 此功能用于贯通门控制(轿厢双门时有效)。 This is for open through door only. |
| 19 | 独立运行 Independent running | 电梯不接受外召登记，也没有自动关门，其操作方式向司机直接操作类似。 Elevator doesn't reponse to any outside call and there isn't automatic door close, other function similar to attendant function. |
| 20 | 强迫关门 Force door closing | 如果光幕动作或其他原因使电梯连续规定时间内开开门而没有关门信号，电梯就强迫关门并发出强迫关门信号。 If light curtain activate or other cause keep the door opening for a certain of time, system will force the door close. |
| 21 | 服务层的任意设置 Randomly set up service floor | 通过操作器可以任意设置电梯停靠哪些层站，哪些层站不停靠。 Through control pad can define the service floor. |



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| | | |
|----|------------------------------------|---|
| 22 | 测试运行 Test running | 用于测试或考核新梯用，以检测新梯是否正常运行。 To test whether the new elevator works or not. |
| 23 | 时钟控制 Clock control | 系统内部有实时的时钟，因此故障发生时可记录确切的时间。另外，可用时钟控制的方式确定电梯停靠哪些层楼。 To record the time of errors occurs, and also set up the time when the elevator stop running. |
| 24 | 直接停靠 Direct landing | 电梯按照距离原则减速，平层时无任何爬行，可提高电梯的运行效率。 According to distance principle, there will be no creeping when leveling, improve the operation efficiency. |
| 25 | 称重补偿 Weight compensation | 控制系统自动检测到轿厢载荷数据，加载补偿值，以改善电梯起动的舒适感。 System detect the weight data and calculate the compensation to keep elevator run smoothly. |

应急及纠错功能 Emergency and Error Correction Functions

| | | |
|---|--|--|
| 1 | 对讲机通讯 Interphone communication | 电梯的机房、轿顶、轿厢、底坑及值班室的电话通讯。 Interphone for machine room, car top, cabin, pit and duty room. |
| 2 | 警铃功能 Alarm bell | 当电梯发生异常时，可以在轿厢通知外面的一种通讯方式。 One of the communication way to contact outside when accident happens. |
| 3 | 停电应急照明 Emergency lighting | 当电梯停电后为轿厢提供应急照明及通讯电源。 Elevator will provide power for lighting and communication when power is cut off. |
| 4 | 错误指令取消 False call canceling | 乘客按错指令响应后，可在指令登记后连接按2次错误指令的按钮以取消登记。 By double press the floor number button, it can cancel the call. |
| 5 | 反向时自动消指令 Automatic reversal call canceling | 当电梯到达最远层站将要反向时，原来所有后方向登记的指令全部消除。 When the elevator finishes the final calls, it will cancel all the other orders. |

显示及提醒功能 Display and remind functions

| | | |
|---|---|--|
| 1 | 层楼显示字符设置 Floor display set up | 通过操作器可以任意设置每一层楼显示字符(系统所规定的字符)。 Floor display can be setted up through control pad. |
| 2 | 点阵式层楼显示器 Dot matrix floor indicator | 系统显示采用点阵式层楼显示器，具有字符丰富、显示生动、字形美观等特点。 For cabin operation panel and hall call panel. |
| 3 | 滚动显示运行方向 Rolling display of running direction | 厅外和轿内显示在电梯运行时都采用滚动的方式显示运行的方向。 Both cabin and outside using rolling display to show running direction. |

选配功能表 OPTIONAL FUNCTIONS

安全保护功能 Security functions

| | | |
|---|-------------------------------------|--|
| 1 | 地震功能 Earth quake function | 当地震监测装置动作，控制系统就会控制电梯即使在运行过程中也会就近停靠。 When earth quake device activates, the elevator will land to the nearest floor and open the door. |
|---|-------------------------------------|--|

运行控制功能 Run control functions

| | | |
|----|---|---|
| 1 | 并联运行 Parallel control | 两台电梯通过CAN串行通讯总线进行数据传送以实现协调的功能，从而提高电梯的运行效率。 Through CAN series communication bus, two elevators run coordinately, improve running efficiency. |
| 2 | IC卡用户管理 IC card | 此装置可让电梯使用者控制某些楼层的使用，刷卡后才能召唤和使用电梯。 Only card holder can reach the certain floor. |
| 3 | 消防员操作 Fireman operation | 当消防员操作开关动作后，电梯立即消除所有指令和召唤，以最快速度运行到消防基站后，进入消防员操作模式。 When fireman switch activates, all the elevator calls cancel and cabin return to home floor immediately. |
| 4 | 副操纵箱操作 Sub car operation panel control | 在有主操纵箱的同时，可装配副操纵箱；副操纵箱和主操纵箱一样，也装有指令按钮和开关门按钮。 Performs like the main car operation panel. |
| 5 | 后门操纵箱操作 Rear door operation panel | 在有主操纵箱的同时，可装配副操纵箱、副操纵箱和主操纵箱一样，也装有指令按钮和开关门按钮。不同的是主操纵箱控制主开关门，副操纵箱控制后门开关门。 Performs like the main car operation panel, the difference is main car operation panel only controls front door, but rear car operation panel only controls the rear door. |
| 6 | 分散待梯 Separate waiting | 只有群控才有此功能，当电梯规定时间内无运行，则电梯分别回到设置待梯的楼层，以缩短各个楼层召唤电梯的时间，以提高效率。 Only for group control, when there is no calling in a certain of time, elevator will move to the set floor to improve the efficiency. |
| 7 | 前后门独立控制 Separate control for both front and rear door | 前后门独立控制有两点：一是指有后门操纵箱时的前后门独立控制；二是指当有后门外呼盒时的前后门独立控制。 Two kinds of this: 1. Separate door control when have rear car operation panel. 2. Separate door control when have rear hall call panel. |
| 8 | VIP贵宾层服务 VIP service | 该功能启动后(通过专门的VIP钥匙开关或IC卡)，电梯中断正常运行，中途不停靠，直接将电梯召换到VIP楼层等候，将VIP贵宾直接送到指定楼层后，电梯再恢复正常运行。 It can cancel all the other calls until the VIP arrive, but it needs VIP key. |
| 9 | 开关控制群控梯服务层切换 Switches for shift service floor for group control | 群控系统预设两组特定条件电梯停层的方案供客户选择，分别通过两个开关控制。方案需要预先设定，它可以指每台电梯在哪些层楼响应指令等一些功能。 Pre-setting service floor can be shifted by switch. The setting can define which floor to stop. |
| 10 | 开关控制单体梯服务层切换 Switches for shift service floor for single elevator | 预设特定条件电梯停层的方案给客户，通过开关控制。方案需要预先设定，它可以指电梯在哪些层楼响应指令等一些功能。 Pre-setting service floor can be shifted by switch. The setting can define which floor to stop. |
| 11 | 开门保持按钮操作功能 Door remaining open function | 通过按住开门保持按钮，提供使电梯延时关门的一种功能。 By pressing door open button to extend the door open time. |

应急及纠错功能 Emergency and Error Correction Function

| | | |
|---|---|---|
| 1 | 停电应急平层 Automatic rescue device | 当电梯停电导致运行中的轿厢不在门区而困人时，停电应急平层装置就会启动。 When power suddenly cut, elevator will run back to the close floor, then door open. |
| 2 | 火灾紧急返回操作 Emergency return in case of fire | 当火灾报警动作后，电梯立即消除所有指令和召唤，以最快速度运行到消防基站后，开门停梯。 When fire alarm activate, system will cancel all the call and return to home floor, then elevator stop. |

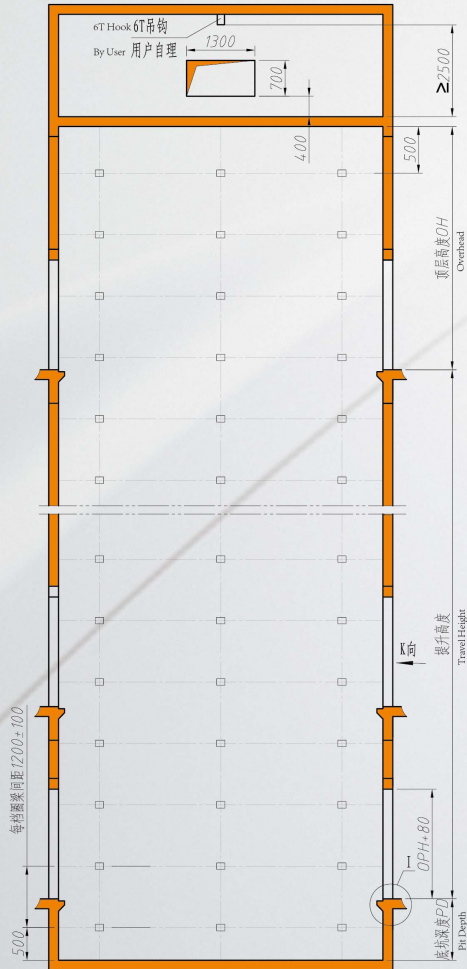
显示及提醒功能 Display and remind function

| | | |
|---|---------------------------------------|---|
| 1 | 小区监控，远程监控 Remote monitoring | 通过RS-485通讯线或网络线，控制系统与装在监控的PC机链接，以在PC机上监控电梯的楼层位置、运行方向、故障状态等相关信息。 Through RS-485 communication wire, control system can be connected with the PC. From PC, we can monitor the situation of the elevator. |
| 2 | 轿厢到站钟 Alarm gong | 电梯减速平层过程中会鸣响到站钟，以提醒乘客电梯正在平层，马上到站。 Announcement when leveling is to finish. |

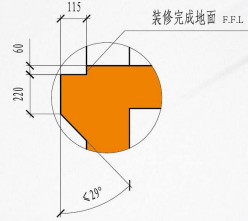
CONSTRUCTION LAYOUT

汽车电梯土建布置图

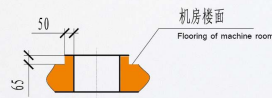
A-A井道纵剖面图
SHAFT SECTION A-A



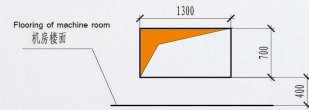
I (放大)
I (AMPLIFICATION)



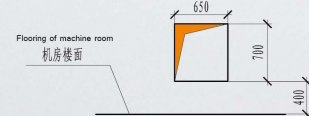
机房开孔型式
TYPE OF MACHINE ROOM HOLE



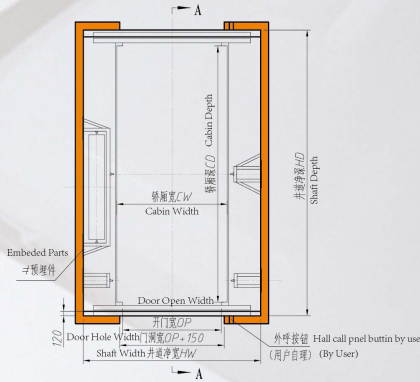
C向
C SIDE



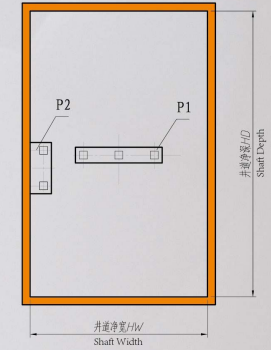
E向
E SIDE



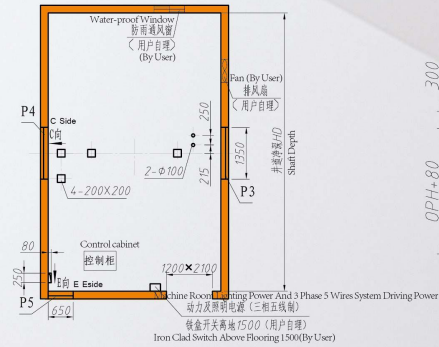
井道平面图
SHAFT PLAN



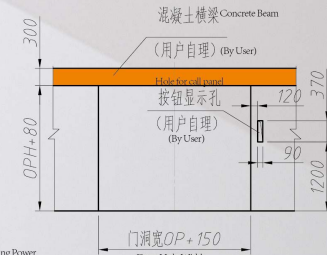
底坑平面图
PIT PLAN



机房平面图
MACHINE ROOM PLAN



K向厅门立面图
K SIDE LANDING FLOOR PLAN



WIN2000-I 汽车电梯技术参数

WIN2000-I SERIES CAR ELEVATOR TECHNOLOGY PARAMETERS

| 型号 MODEL | 载重量 (kg) CAPACITY (kg) | 速度 (m/s) SPEED (m/s) | 轿厢净尺寸 (宽×深×高, mm) NET CAR SIZE (SW×D×SH,mm) | 净开门 (宽×高, mm) NET DOOR OPEN (SW×D,mm) | 井道净尺寸 (高×深, mm) NET SHAFT SIZE (SH×D,mm) | 高度OH (mm) OVERHEAD(mm) | 底坑深度PD (mm) PITDEPTH (mm) | 额定功率 (KW) RATED POWER (kw) |
|-------------|---------------------------|-------------------------|--|--|---|---------------------------|------------------------------|-------------------------------|
| LTQ3000 | 3000 | 0.5 | 2500×5900×2200 | 2500×2100 | 4100×5400 | 4500 | 1800 | 15 |
| LTQ5000 | 5000 | 0.5 | 2800×6500×2200 | 2500×2100 | 4500×5400 | 4700 | 1900 | 25 |

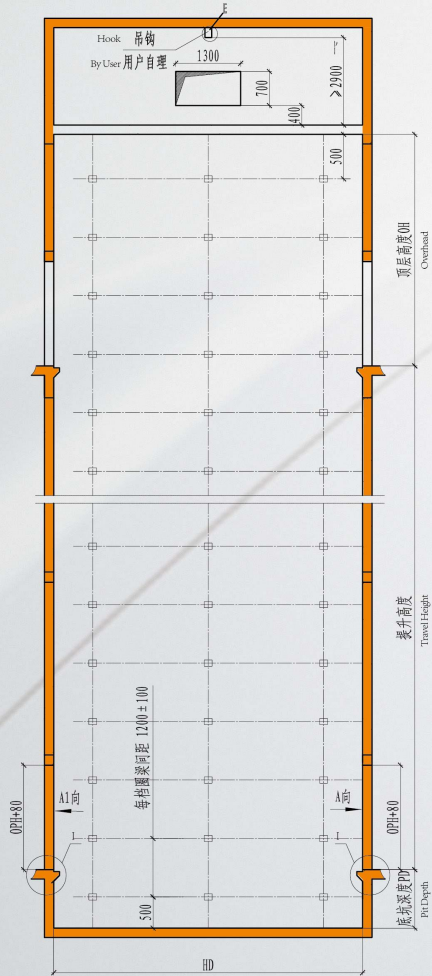
注：此表仅供参考，如须施工用图，请以井道图或技术设计为准！

Note: This Table Is For Your Convenience to Choose Product Only. For actual Construction, Please Refer to The Well Drawing Or The Design of The Technology Department.

CONSTRUCTION LAYOUT

小机房汽车电梯土建布置图

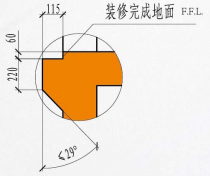
A-A井道纵剖面图
SHAFT SECTION A-A



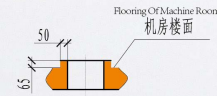
E旋转 (放大)
E ROTATION (AMPLIFICATION)



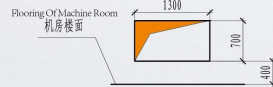
I (放大)
I (AMPLIFICATION)
1:5



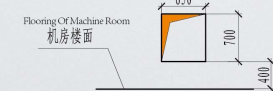
机房开孔型式
TYPE OF MACHINE ROOM HOLE



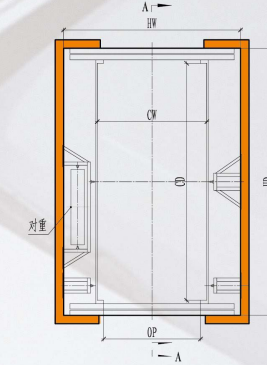
C向
C SIDE



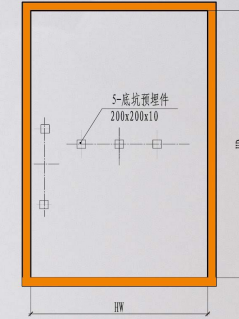
E向
E SIDE



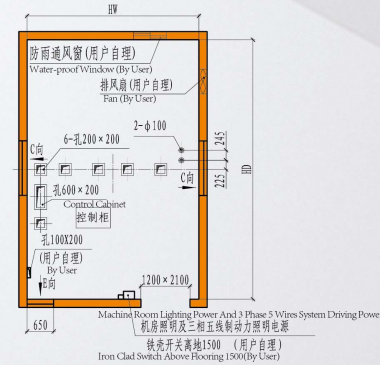
井道平面图
SHAFT PLAN



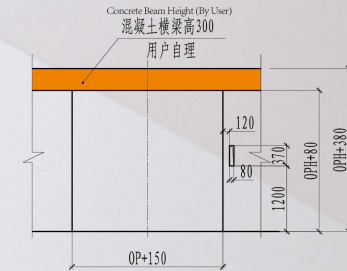
底坑平面图
PIT PLAN



机房平面图
MACHINE ROOM PLAN



K向厅门立面图
K SIDE LANDING FLOOR PLAN



WIN2000-II小机房汽车电梯技术参数

WIN2000-II CAR ELEVATOR WITH MINI MACHINE TECHNOLOGY PARAMETERS

| 型号 MODEL | 载重量 (kg) CAPACITY (kg) | 速度 (m/s) SPEED (m/s) | 轿厢净尺寸 (宽×深×高, mm) NET CAR SIZE (CW×CD×CH, mm) | 净开门 (宽×高, mm) NET DOOR OPEN (HW×HD, mm) | 井道净尺寸 (高×深, mm) NET SHAFT SIZE (OH×PD, mm) | 高度OH (mm) OVERHEAD (mm) | 底坑深度PD (mm) PIT DEPTH (mm) | 额定功率 (KW) RATED POWER (KW) |
|-------------|---------------------------|-------------------------|--|--|---|----------------------------|-------------------------------|-------------------------------|
| LTQX3000 | 3000 | 0.5/0.75 | 2500×5900×2200 | 2500×2100 | 4100×6450 | 4500 | 1800 | 10.5/18.3 |
| LTQX5000 | 5000 | 0.5 | 2800×6500×2200 | 2500×2100 | 4500×7250 | 4700 | 1900 | 16.5 |

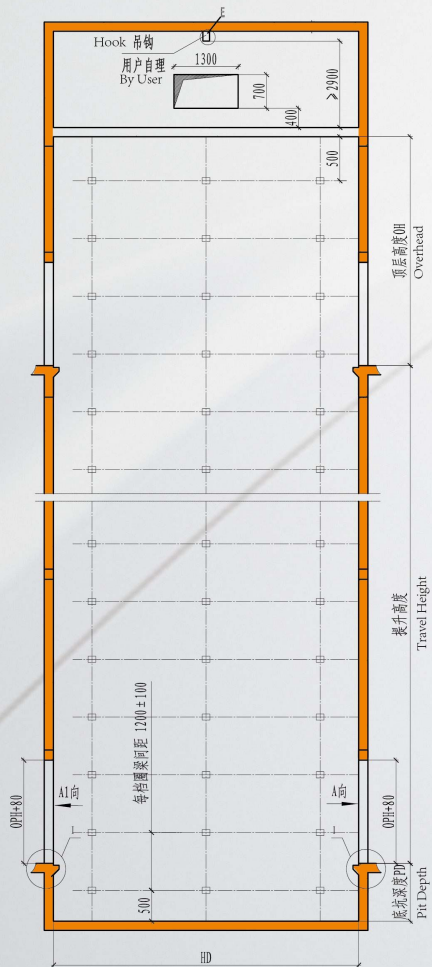
注: 此图仅供参考, 如须施工, 请以井道图或技术部设计为准!

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CONSTRUCTION LAYOUT

小机房汽车电梯土建布置图

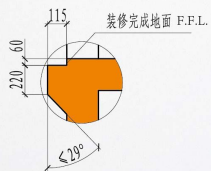
A-A剖面纵剖面图
SHAFT SECTION A-A



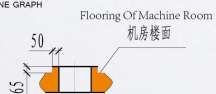
E旋转(放大)
E ROTATION (AMPLIFICATION)



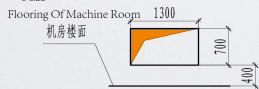
I(放大)
I (AMPLIFICATION)
1:5



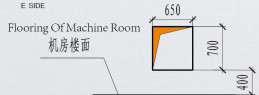
机房开孔型式
BOTTOM PLANE GRAPH



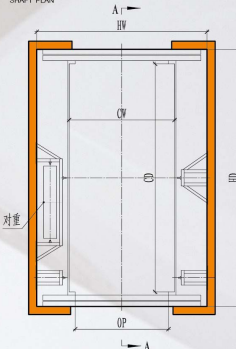
C向
C SIDE



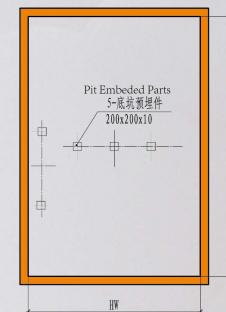
E向
E SIDE



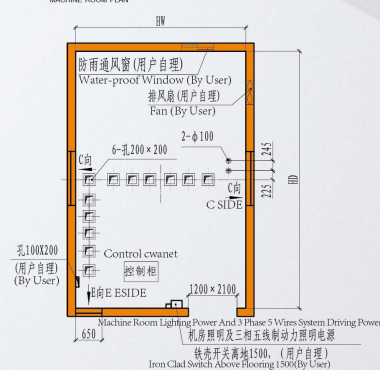
井道平面图
SHAFT PLAN



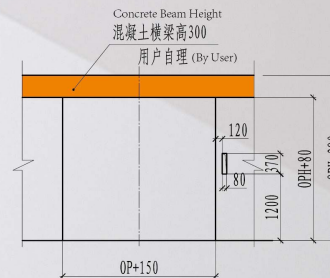
底坑平面图
PIT PLAN



机房平面图
MACHINE ROOM PLAN



K向厅门立面图
K ESIDE LANDING FLOOR PLAN



WIN2000-III小机房汽车梯技术参数

WIN2000-III CAR ELEVATOR WITH MINI MACHINE ROOM TECHNOLOGY PARAMETERS

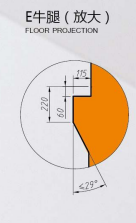
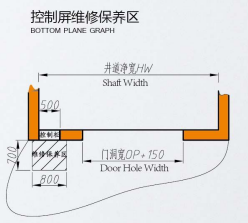
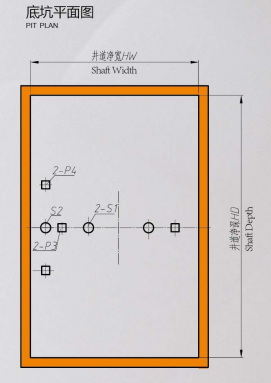
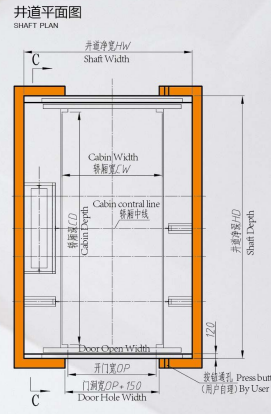
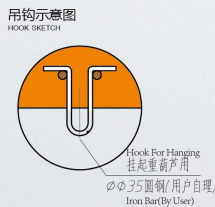
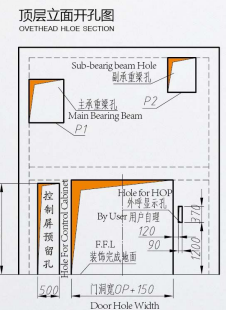
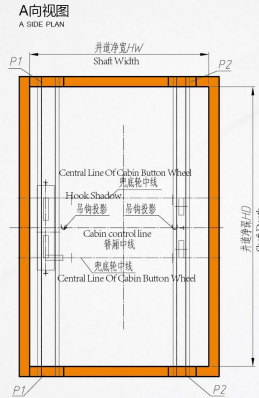
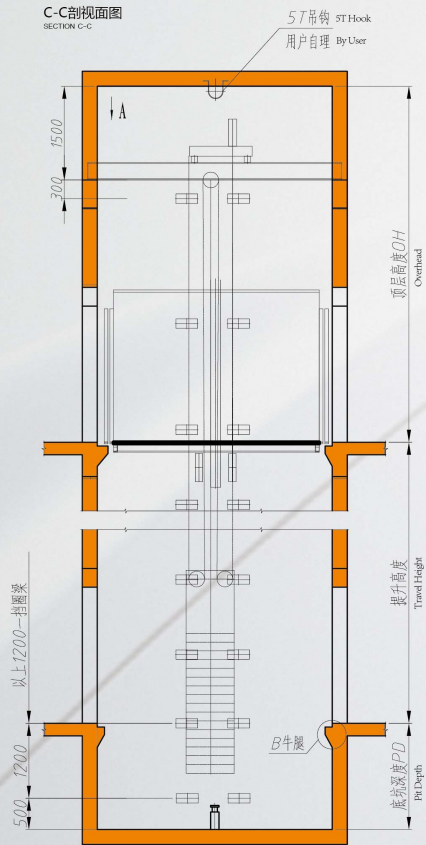
| 型号 MODEL | 载重量 (kg) CAPACITY (kg) | 速度 (m/s) SPEED (m/s) | 轿厢净尺寸 (宽×深×高, mm) NET CAR SIZE (CW×CD×CH, mm) | 净开门 (宽×高, mm) NET DOOR OPEN (HW×HD, mm) | 井道净尺寸 (宽×深, mm) NET SHAFT SIZE (CW×CD, mm) | 高度OH (mm) OVERHEAD (mm) | 底坑深度PD (mm) PIT DEPTH (mm) | 额定功率 (kW) RATED POWER (kW) |
|-------------|---------------------------|-------------------------|--|--|---|----------------------------|-------------------------------|-------------------------------|
| LTQX4800 | 4800 | 0.5/0.75 | 2800×6500×2200 | 2500×2100 | 4500×7200 | 4700 | 1800 | 19 |
| LTQX6000 | 6000 | 0.5 | 2800×6500×2200 | 2500×2100 | 4500×7200 | 4700 | 1800 | 21.8 |

注: 此表仅供参考, 如须施工用图, 请以井道图或技术部设计为准!

Note: This Table Is For Your Convenience To Choose The Product Only. For actual construction, please refer to the well drawing or the design of the technology department.

CONSTRUCTION LAYOUT

无机房汽车电梯土建布置图



WIN2000-II 无机房汽车电梯技术参数

WIN2000-II CAR ELEVATOR TECHNOLOGY PARAMETERS

| 型号 MODEL | 载重量 (kg) CAPACITY (kg) | 速度 (m/s) SPEED (m/s) | 轿厢净尺寸 (宽×深×高, mm) NET CAR SIZE (CW×CD×CH, mm) | 净开门 (宽×高, mm) NET DOOR OPEN (W×H, mm) | 井道净尺寸 (宽×高, mm) NET SHAFT SIZE (SHW×SHH, mm) | 高度OH (mm) OVERHEAD (mm) | 底坑深度PD (mm) PIT DEPTH (mm) | 额定功率 (kW) RATED POWER (kW) |
|----------|------------------------|----------------------|---|---------------------------------------|--|-------------------------|----------------------------|----------------------------|
| LTQW3000 | 3000 | 0.5 | 2500×5900×2200 | 2500×2100 | 4300×6450 | 5300 | 1700 | 10.5 |

WIN2000-III 无机房汽车电梯技术参数

WIN2000-III CAR ELEVATOR TECHNOLOGY PARAMETERS

| 型号 MODEL | 载重量 (kg) CAPACITY (kg) | 速度 (m/s) SPEED (m/s) | 轿厢净尺寸 (宽×深×高, mm) NET CAR SIZE (CW×CD×CH, mm) | 井道净尺寸 (宽×高, mm) NET SHAFT SIZE (SHW×SHH, mm) | 净开门 (宽×高, mm) NET DOOR OPEN (W×H, mm) | 高度OH (mm) OVERHEAD (mm) | 底坑深度PD (mm) PIT DEPTH (mm) | 额定功率 (kW) RATED POWER (kW) |
|----------|------------------------|----------------------|---|--|---------------------------------------|-------------------------|----------------------------|----------------------------|
| LTQW4800 | 4800 | 0.5 | 2800×6500×2200 | 4500×2000 | 2500×2100 | 5300 | 1900 | 17.5 |

注：此表仅供参考，如须施工用图，请以井道图或技术部设计为准！
Note: This Table Is For Your Convenience to Choose the Product Only. For actual construction, please refer to the well drawing or the design of the technology department.



懂服务，更懂您

SERVE YOUR NEED ,KNOW YOU MORE

从研发、设计到生产，从售前、售中到售后，菱王将一体化服务理念贯彻到每一个细节，为客户带来贴心的、周到的服务感受。我们不仅专注于最佳的电梯解决方案，更关注客户的内心与喜好，因为菱王深知，只有懂您才能做得更好！

Winone runs through its integrative service to every detail, from R&D, design to production, from pre-sales, under-sales to after-sales service. These will bring customers considerate and thoughtful service. We are not only focus on the best solution on elevator, but also the feedbacks and prefers from customers. We deeply believe that the more we understand you the better we will be.

