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Home Elevator Series 家用系列电梯

EVW20



怡达快速电梯

动静相宜



承载安全 传递微笑

Bearing security
Pass a smile

更安全的承载
是我们的使命

Safer bearing is our mission

About Us 公司简介

每天，全球有60多个国家和地区享受到怡达快速电梯带来的安全、高效、节能的上下体验。

致力于专业从事电梯研发、设计、制造、销售、安装、维保，中美合资怡达快速电梯有限公司是国内较早取得电梯A级制造许可证的企业之一。

如今，怡达快速电梯在总占地面积约11万平方米的新厂区，引进当今世界先进的自动化生产设备，建立起电梯专业工厂，制造全球的智选电梯。

“提供完美的电梯安全与服务”，不再只是一句口号，而是落实在电梯选材、设计、生产、检测、安装、维保的每个环节，为客户提供具有国际水准的适配产品和卓越服务。

Everyday, more than fifty countries in the world can enjoy the perfect ride experience, which is safe, efficient, energy saving from Yida Express Elevator.

Devoting itself to professional working in elevator research, design, manufacturing, sale, installation and maintenance, Sino-American Joint Venture Yida Express Elevator Co.Ltd. is one of the earliest companies in China, which achieve A-class elevator manufacturing license.

Nowadays, Yida Express Elevator has moved to the new factory, which covers an area of about 110000㎡.The company has imported the advanced high automation level production equipments and built elevator professional factory. It devotes to manufacturing intelligent elevators supplied to all over the world.

“Provide prefect elevator safety and service” is not just a slogan. Instead, it is implemented in every production step such like elevator material selection, design, manufacture, inspection, installation,maintenance. It provides compatible product with international standard and excellent service.





高集成智能控制系统

采用双32位CPU，主从CPU相互控制，更大程度提高了数据处理速度。系统内设置的高智能微机模块，对电梯运行实施最安全、精确、高效的管理控制。

Highly integrated and intelligent control system

Double 32 bit CPU, mutual control between main CPU and sub CPU, increases the speed of data processing to a great extent. Moreover, the highly intellectual micro-computer module inside our systems guarantee the most secure, accurate, and effective control to our elevator.



Intelligent System 智能系统



1 特色安全功能

■ 抱闸力自动检测

电梯制动器长时间使用造成的闸皮磨损会导致其制动力下降，系统将适时按“标准”对其进行制动力的检测及报警提示。

■ 曳引绳滑动检测

实时检测电梯运行（位置）偏移量。超出允许值时，电梯减速，停止运行（就近平层）。

Safety Function

■ Brake force automatic detection

Brake rubber abrasion, which is caused by elevator brake using for a long time, will lead to decline the brake force. System will detect the brake force and alarm remind according to the “Standard”.

■ Hoist rope sliding detection

Offset of running location should be detected in real time. Elevator will slow down and stop running when the steel rope slipping exceeds the allowable value.(stopping on the nearest floor)

2 远程监控

■ 智能终端异地监控

在监控中心或远程的智能手机可实时观测异地电梯的参数及运行状态，且能通过数据流传输语音、图片、视频等。

Remote monitoring

■ Intelligent terminal remote monitoring

It can monitor the elevator parameters and running condition in the monitor center or remote intelligent cellphone. Meanwhile, it can transfer voice, pictures and videos by data stream.

3 智能分析

■ 故障分析专家系统

自动获取故障发生时的电梯状态信息。后台分析，处理。显示分析结果并给出故障描述，安全可控。

Intelligent analysis

■ Failure analysis expert system

To acquire the elevator state information automatically when it is failure, then system will make analysis and dispose. It will display the analysis result and describe the failure.

4

- 红外线光幕保护
- 停电应急疏散装置

- Infrared light curtain protection
- Emergency landing rescue device

降低城市建筑碳排放！

怡达快速电梯严格遵循美国快速电梯全球产品研发标准，采用世界领先的先进技术和设计理念，运行高效、节能环保，为您的未来提供完美运载。

Reduce the building carbon emissions

EPSS elevator complies with the Products Research & Development standard of American Express Elevator Co., Ltd. strictly. With advanced technology and design concept, featuring effective running and energy-conservation and environment-protection, it provides a perfect carrier for your future.



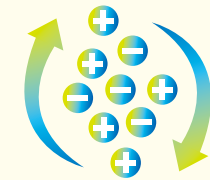
主
静
青
争



Energy conservation & Environment protection 节能环保

可选配利用先进的环保技术，通过负离子使空气中的PM2.5等微尘形成分子团下沉落地，使细菌生存能力下降或致死，定时除菌，净化空气，提供绿色健康的电梯乘坐环境。

Applying advanced environment protection technology, PM2.5 dust in the air etc. will form to molecular clusters and sink to the ground by anion. It will less the bacterial survival ability or kill bacteria. Timing sterilizing and air cleaning improves the cabin environment.



Sterilization function
洁净抗菌功能

选用稀土材料，将同轴传动技术、数字变频技术和群组电脑组合控制技术充分融合，运行成本小，能量散失低，比一般传统技术可节省能源33%以上。无齿轮曳引机无需更换油脂，无油污污染，低噪音。

Using rare earth material combined with coaxial drive technique, digital VF technique and group computer control technique lessened the cost and the energy dissipation, and it can save by more than 33% energy than traditional machine. Gearless traction machine needn't oil change, so there is no oil pollution and the noise is lower.



Permanent
magnetic power
永磁动力

轿内LED照明装置，光线柔和明亮，热度低，安全、高效、无辐射，有利于长效使用，且系统在电梯空闲未使用状态下自动熄灭，绿色环保。

LED lighting device in car is beneficial to long-term use, the lighting is soft and bright, low-heat, safe, high efficient and no radiation, and automatically power off in the elevator idle time, it is environment protection.



LED automatic
lighting
LED自动照明



Traction Home elevator 曳引式家用电梯

怡达快速曳引式家用电梯采用新一代永磁同步无齿轮主机及高性能数字变频技术和群组电脑组合控制技术，可节省能源33%以上，更省去了传统齿轮箱传动时的机械能损失，进一步提高了效率。无需更换油脂，彻底杜绝油污污染，更消除了齿轮箱传动时带来的噪音，还给你一个舒适宁静的居家环境。

Using synchronous gearless traction machine, digital VF technique and group computer control technique can save by more than 33% energy than traditional machine. Gearless traction machine needn't oil change, so there is no oil pollution and the noise is lower, providing you a comfortable and peaceful home environment.

特点

- 无需传统机房；不增加建筑成本
- 曳引比1:1的别墅电梯特殊设计的背包架系统
- VVVF驱动技术；怡达快速别墅电梯专用微机板控制
- 采用滑动+滚轮复合型导靴
- 专用曳引机机架，固定于导轨，建筑物可不承受力
- 主机采用220V家用电梯专用主机
- 自动专用门机，同步齿带传动
- 符合家用电梯国家标准

It does not need a separate machine room, and hoisting motor can be located in the shaft, So it saves space for more profitable use and no any extra building cost.
Specially designed sling system with traction ratio 1:1.
VVVF drive, microcomputer PCB board.
The guide shoes are complex slider with roller.
Traction motor frame mounts with guide rail.
Special design motor with 220V voltage for villa elevator
Automatic synchronous belt door operator
Comply with the home elevator standard

国内城镇化建设和社会老龄化趋势的发展，家用电梯已走入千家万户，但绝大多少采用传统的曳引钢丝绳作为悬挂系统，受曳引机、绳轮尺寸的限制，井道面积的利用率相对较低。

钢带曳引技术一直为外资电梯厂商掌控，随着此技术的突破，公司领导层作出抢占先机，重点研发并快速推出了首台钢带曳引的家用电梯产品。钢带采用特殊材料包覆，钢丝无锈蚀、不对曳引轮产生磨损、无需使用润滑油，寿命更高且免维护；摩擦系数大，曳引能力更强，轿厢可减轻20%，降低能耗；紧凑型永磁同步无齿轮曳引机，小轴径曳引轮、反绳轮、对重轮使井道投影面积更小，可节省15%的井道面积，同时也大幅降低顶层和底坑空间。

新型的钢带曳引式家用电梯产品，轿壁装饰为三面镶嵌式，中间装饰可拆卸，可采用不同材质，互换性更强，可满足客户的多样化、个性化需求。

Steel belt home elevator 钢带家用电梯

Domestic urbanization construction and social development of aging population, household elevator has been into every family, but most use traditional traction wire rope for suspension system, the restrictions on the size of traction machine, rope wheel, shaft area utilization ratio is relatively low.

Steel belt traction control technology has been for foreign elevator manufacturers, with the breakthrough of the technology, the company leadership to make a head, focus on research and development and rapid launch of the first steel belt traction home elevator products. Steel belt adopts the special material coated, steel wire has no rust, not wear, traction wheel without using lubricating oil, higher life and free maintenance; Friction coefficient is big, tractive ability is stronger, the car can reduce by 20%, reducing energy consumption; Compact gearless permanent magnet synchronous machine, small diameter of axle tractive sheave, the rope wheel, the wheel shaft projection area is smaller, can save 15% of the shaft area, but also greatly reduce the top and bottom hole space.

New type steel band traction home elevator products, its wall decoration for Mosaic on three sides, with the middle decorative detachable, can use different material, interchangeability stronger and can meet the customer diversification and personalized needs.



< EX-V02 轿厢 (标配)

吊顶: EX-HD002发纹不锈钢框架, LED筒灯
轿壁: 发纹不锈钢
轿门: 发纹不锈钢
地板: PVC地板
通风: 轴流风扇
操纵箱: EX-AC19 (点阵显示) 发纹不锈钢面板

EX-V02 Cabin (standard)

Ceiling: EX-HD002 Hairline stainless steel frame, LEDwith tube light
Cabin wall: Hairline stainless steel
Cabin door: Hairline stainless steel
Cabin flooring: PVC
Ventilation: Axial fan
C.O.P.: EX-AC19(Dot matrix display)
Hairline stainless steel Panel

> EX-V07 轿厢 (选配)

吊顶: EX-HD006镜面不锈钢框架, LED照明
轿壁: 发纹不锈钢, 木纹装饰
轿门: 玻璃手拉门
地板: 耐磨PVC EX-DB02
通风: 轴流风扇
操纵箱: EX-AC19 (点阵显示) 发纹不锈钢面

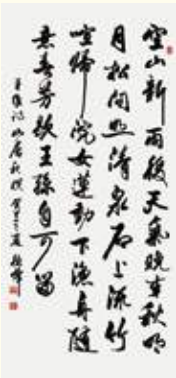
EX-V07 Cabin (optional)

Ceiling: EX-HD006 Mirror stainless steel frame, LED light
Cabin wall: Hairline stainless steel and wood grain stainless steel
Cabin door: glass manual door
Cabin flooring: Wear resistant PVC EX-DB02
Ventilation: Axial fan
C.O.P.: EX-AC19(Dot matrix display)
Hairline stainless steel Panel





EX-P01



EX-P02



轿壁喷绘（可选）

客户可推荐图案，其他材质请咨询公司销售人员

Cabin wall printing(Optional)

Other wall painting picture can be suggested,
please consult with company sales person for details.

EX-V010 轿厢（选配）

- 吊顶： EX-HD021玫瑰金镜面板LED照明
- 轿壁： 玫瑰金镜面不锈钢，镜面蚀刻装饰
- 轿门： 玫瑰金镜面不锈钢
- 地板： 耐磨PVC EX-DB60
- 通风： 轴流风扇
- 操纵箱： EX-AC19（点阵显示）玫瑰金镜面不锈钢面板

EX-V010 Cabin (optional)

- Ceiling: EX-HD021Rose gold mirror stainless steel frame, LED light
- Cabin wall: Rose gold mirror stainless steel and mirror etched stainless steel
- Cabin door: Rose gold mirror stainless steel
- Cabin flooring: Wear resistant PVC EX-DB60
- Ventilation: Axial fan
- C.O.P.: EX-AC19(Dot matrix display) Rose gold mirror stainless steel Panel

EX-V09 轿厢（选配）

- 吊顶： EX-HD020钛金框架，中间云石板，LED筒灯
- 轿壁： 彩色钢板喷绘，镜面不锈钢框架
- 观光面： 安全夹胶玻璃
- 地板： 耐磨PVC EX-DB03
- 轿门： 镜面不锈钢
- 通风： 轴流风扇
- 扶手： EX-FS01 发纹不锈钢
- 操纵箱： EX-AC19（点阵显示）镜面不锈钢面板

EX-V09 Cabin (optional)

- Ceiling: EX-HD020 Titanium gold frame, marble plate in the middle, with LED tube light
- Cabin wall: Mirror stainless steel, color steel plate printing
- Cabin wall (sightseeing side) : laminated safety glass
- Cabin flooring : Wear resistant PVC EX-DB03
- Cabin door: Mirror stainless steel
- Ventilation: Axial fan
- Handrail: EX-FS01 hairline stainless steel
- C.O.P.: EX-AC19(Dot matrix display) Mirror stainless steel Panel





EX-V012 轿厢 (选配)

- 吊顶: EX-HD022玫瑰金镜面不锈钢, LED照明
- 扶手: 玫瑰金发纹不锈钢
- 轿壁: 玫瑰金发纹不锈钢蚀刻, 镜面不锈钢
- 地板: 耐磨PVC EX-DB61
- 轿门: 玫瑰金发纹不锈钢
- 操纵箱: EX-AC19 (点阵显示) 玫瑰金发纹不锈钢面板

EX-V012 Cabin (optional)

- Ceiling: EX-HD022Rose gold mirror stainless steel frame, LED light
- Handrail : Rose gold hairline stainless steel
- Cabin wall: Rose gold hairline stainless steel etching and v etched stainless steel
- Cabin flooring: Wear resistant PVC EX-DB61
- Cabin door: Rose gold hairline stainless steel
- C.O.P.: EX-AC19(Dot matrix display)
Rose gold hairline stainless steel Panel



EX-V015 轿厢 (选配)

- 吊顶: EX-HD023镜面不锈钢框架, LED照明
- 扶手: EX-FS01
- 轿壁: 发纹, 无纹不锈钢
- 地板: 耐磨PVC EX-DB62
- 轿门: 无纹不锈钢
- 操纵箱: EX-AC19 (点阵显示) 发纹不锈钢面板

EX-V015 Cabin (optional)

- Ceiling: EX-HD023 Mirror stainless steel frame, Acrylic plate , LED light
- Handrail : EX-FS01
- Cabin wall: Hairline stainless steel, anti-fingerprint stainless steel
- Cabin flooring: Wear resistant PVC EX-DB62
- Cabin door: Anti-fingerprint stainless steel
- C.O.P.: EX-AC19(Dot matrix display)
Hairline stainless steel Panel



EX-V03 轿厢 (选配)

吊顶: EX-HD024镜面不锈钢框架, LED照明
扶手: EX-FS01镜面不锈钢
轿壁: 全观光型, 镜面不锈钢框 (可选钛金)
地板: 耐磨PVC EX-DB04
轿门: 镜面不锈钢钢框玻璃门

EX-V03 Cabin (optional)

Ceiling: EX-HD024 Mirror stainless steel frame, LED light
Handrail : EX-FS01 Mirror stainless steel
Cabin wall: full sightseeing type, Mirror/Gold mirror stainless steel fame
Cabin flooring: Wear resistant PVC EX-DB04
Cabin door: Mirror stainless steel frame glass door



EX-V04 轿厢 (选配)

吊顶: EX-HD020钛金框架, 中间云石板, LED筒灯
扶手: EX-FS02 原木, 钛金镜面不锈钢
轿壁: 钛金镜面不锈钢蚀刻, 木饰面
地板: 耐磨PVC EX-DB63
轿门: 钛金镜面不锈钢
操纵箱: EX-AC19 (点阵显示) 钛金镜面不锈钢面板

EX-V04 Cabin (optional)

Ceiling: EX-HD020Titanium gold frame, marble plate in the middle, LED tube light
Handrail : EX-FS02 Wood,
Titanium gold mirror stainless steel
Cabin wall: Titanium gold mirror etched stainless steel , Wood decorative panel
Cabin flooring: Wear resistant PVC
Cabin door: Titanium gold mirror stainless steel
C.O.P.: EX-AC19(Dot matrix display)
Titanium gold mirror stainless steel Panel



EX-V013 轿厢 (选配)

吊顶: EX-HD025钛金镜面不锈钢, LED筒灯
轿壁: 钛金镜面不锈钢, 炫彩装饰板
地板: 耐磨PVC EX-DB64
轿门: 玫瑰金镜面不锈钢
操纵箱: EX-AC19 (点阵显示) 钛金镜面不锈钢面板

EX-V013 Cabin (optional)

Ceiling: EX-HD025 Titanium gold mirror stainless steel, LED tube light
Cabin wall: Titanium gold mirror stainless steel and colorful decorative panel
Cabin flooring: Wear resistant PVC EX-DB64
Cabin door: Rose gold mirror stainless steel
C.O.P.: EX-AC19(Dot matrix display)
Titanium gold mirror stainless steel Panel



EX-V05 轿厢 (选配)

吊顶: EX-HD026发纹不锈钢框架, LED筒灯
扶手: EX-FS03
轿壁: 发纹不锈钢, 镜面不锈钢
地板: 耐磨PVC EX-DB65
轿门: 镜面不锈钢
操纵箱: EX-AC19 (点阵显示) 发纹不锈钢面板

EX-V05 Cabin (optional)

Ceiling: EX-HD026 Hairline stainless steel, LED tube light
Handrail : EX-FS03
Cabin wall: Mirror stainless steel and Hairline stainless steel
Cabin flooring: Wear resistant PVC EX-DB65
Cabin door: Mirror stainless steel
C.O.P.: EX-AC19(Dot matrix display)
Hairline stainless steel Panel



C.O.P / H.O.P (optional)
操纵箱 / 外呼 (选配)



EX-AC18



EX-AC18A



EX-AC19
点阵显示
Dot matrix display



EX-JC19
点阵显示
Dot matrix display



EX-AC19A
液晶显示
LCD display



EX-JC19A
液晶显示
LCD display



EX-AC20



EX-AC20A

Ceiling (optional) 吊顶 (可选)

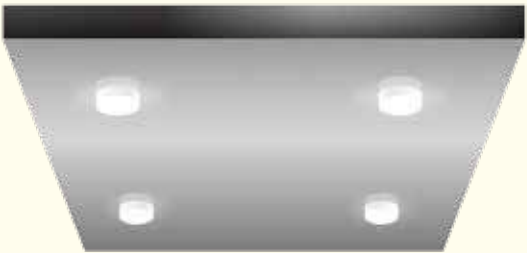
EX-HD001

钢板烤漆框架，中间简洁亚克力LED照明
Painted steel frame,
simple acrylic lighting in middle



EX-HD002

发纹不锈钢，LED筒灯
Hairline stainless steel frame, LED light



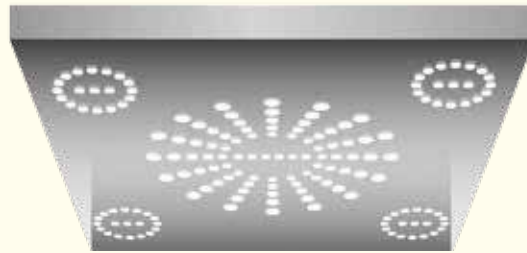
EX-HD004

钢板烤漆框架，LED筒灯点缀
Painted steel frame, LED light



EX-HD006

镜面不锈钢框架，LED照明
Mirror stainless steel frame, LED light



Landing door
(optional)

门 (选配)



Grained wood
stainless steel
(optional)

木纹板系列
(选配)



EX-MW01



EX-MW02



EX-MW03



EX-MW04

Cabin
flooring

地板系列
(可选)



EX-DB01 PVC



EX-DB02 PVC



EX-DB03 PVC



EX-DB06 PVC

Carpet

地毯系列
(选配)



EX-DB01



EX-DB02



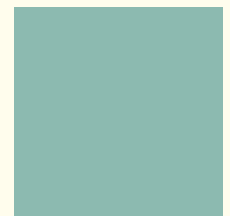
EX-DB03



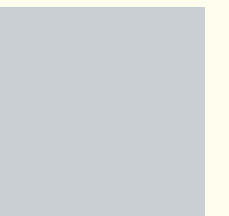
EX-DB06

Colors
(optional)

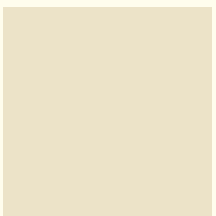
色标 (可选)



EX-YS07
马钢代码6009



EX-YS08
马钢代码7013



EX-YS09
马钢代码1011



EX-CM09



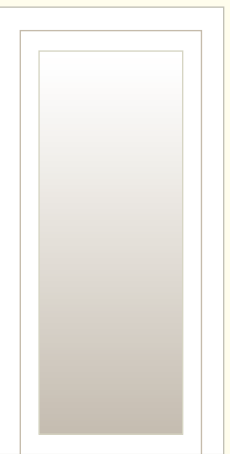
EX-CM11



EX-CM08



EX-CM05



EX-CM02



EX-CM01



EX-CM03

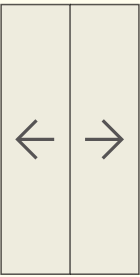


EX-CM04

Technical specification
技术规格表



用途	Application	家用独立住宅使用	villa
控制系统	Control system	变频微机控制	VVVF、microcomputer control
电压	Voltage	单相：220V电源	Single phase:220V
		三相：380V电源	Three phase:380V
门机	Door operator	VVVF变频门机	VVVF door operator
额定载重	Rated load	250kg \ 320kg \ 400kg	250kg/320kg/400kg
额定数度	Rated speed	0.25 ~0.4m/s	0.25~0.4m/s
最大提升高度	Maximum traveling	12M	12M



中分式
Center-opening



旁开式
side opening



手拉门
manually operated door

注：速度≤0.3/时可选

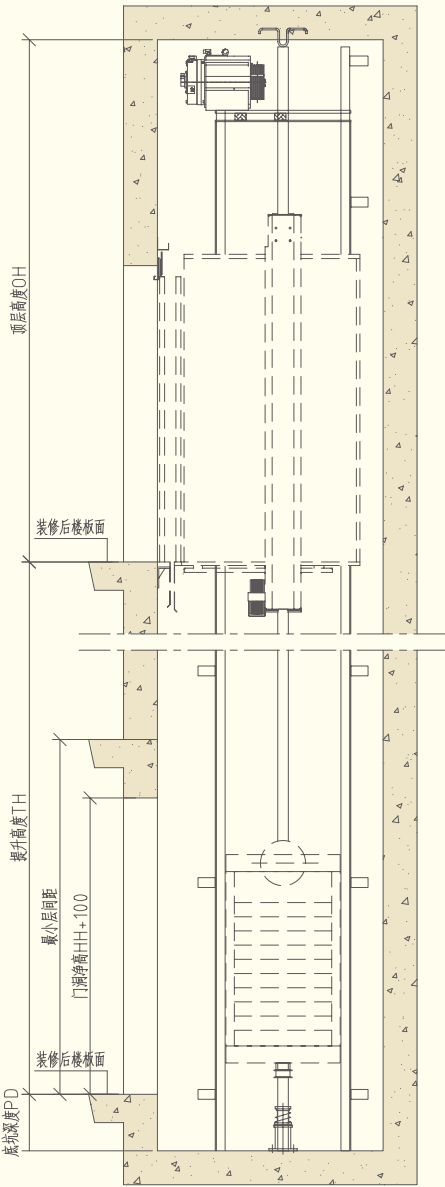
采用多种开门方式供用户选择，
同时可根据用户的需求和使用情况专门设计。
选择不同品位生活。

varies of kinds of door opening styles provide
for you, you can choose one of them as per
your needs and your building requirement.

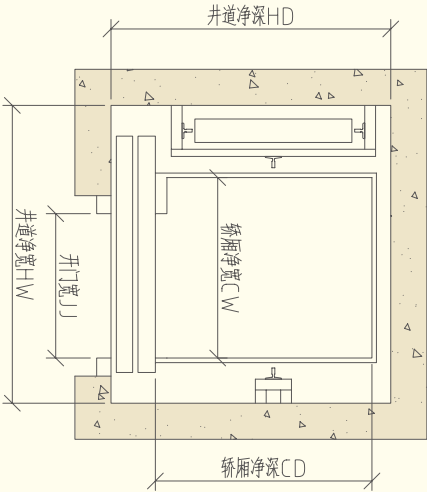
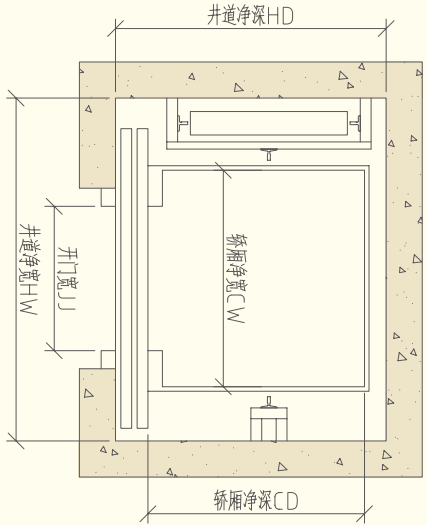
Civil Work Parameters 土建参数

EVW20 电梯井道布置图

井道立面布置图
Shaft elevation plan view



井道平面布置图
Shaft plan view



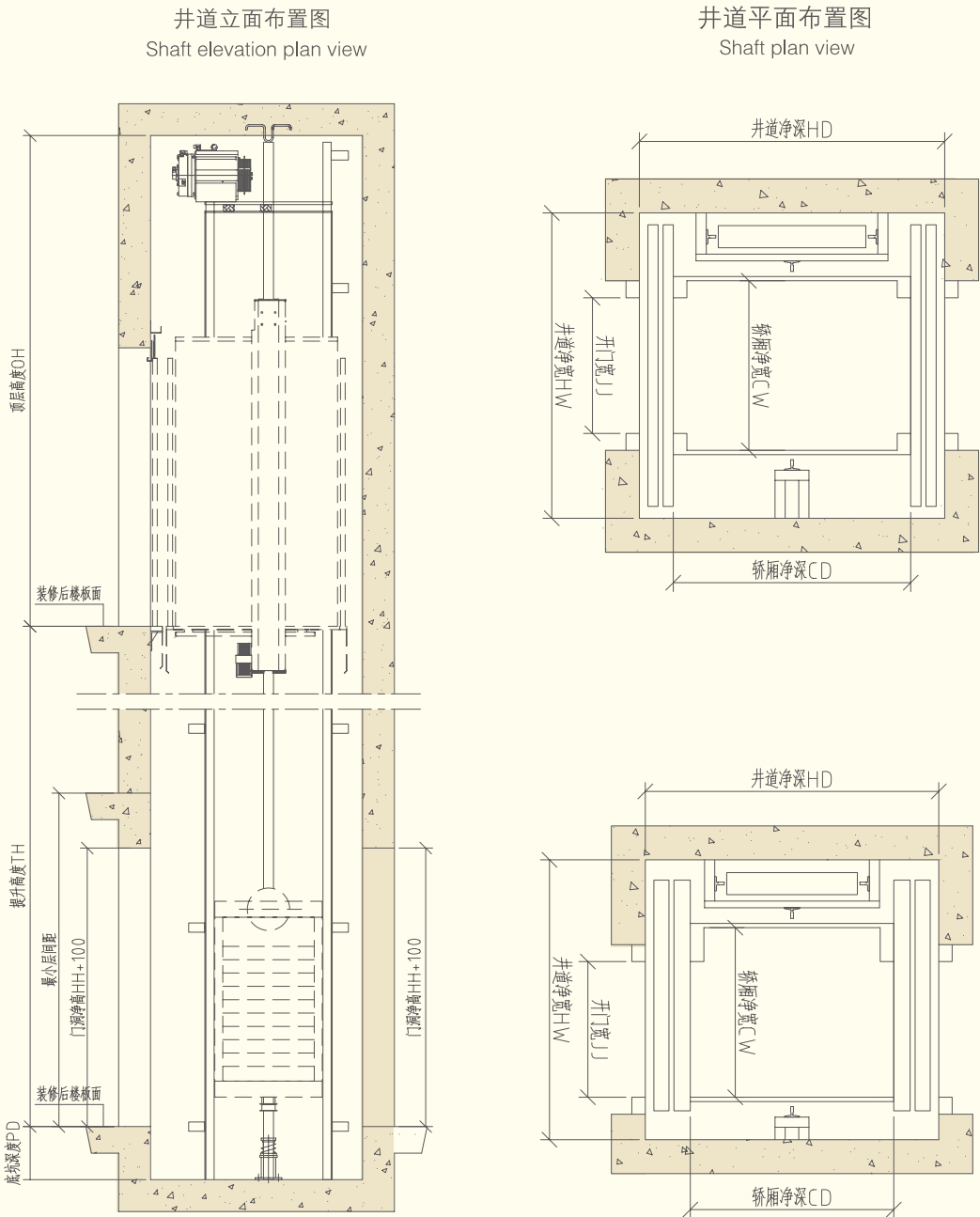
Traction Home elevator	额定载重	速度	开门方式	轿门入口	净开门（宽x高）	轿厢净尺寸 Car net size	井道净尺寸(mm) Shaft net size		
	Capacity kg	speed (m/s)	Door open type	Car door entrance	Entrance J × HH(mm)	宽x深(mm) CW × CD(mm)	宽x深(mm) HW × HD(mm)	底坑深 PD	顶层高 OH
曳引式 家用电梯	320	0.4	中分 Center opening	单通 Single door	700 × 2000	1000 × 1200	1700 × 1500	500	3700
	旁开 Side opening		800 × 2000		1650 × 1550				
	400		中分 Center opening		800 × 2000	1200 × 1200	1900 × 1500	500	3700
			旁开 Side opening		800 × 2000		1850 × 1550		

注：如若超出以上规格范围，请与公司销售中心联系
Remark: Please contact with Sales department if it exceeds above specification

EVW20

曳引式家用电梯

井道布置图



Traction Home elevator 曳引式 家用电梯	额定载重	速度	开门方式	轿门入口	净开门（宽x高）	轿厢净尺寸	井道净尺寸(mm)		
	Capacity	speed	Door open type	Car door entrance	Entrance	Car net size	Shaft net size		
	kg	(m/s)			J x HH(mm)	宽x深(mm)	宽x深(mm)	底坑深	顶层高
					CW x CD(mm)	HW x HD(mm)	PD	OH	
	320	0.4	中分 Center opening	贯通 Double door	700 × 2000	1000 × 1200	1700 × 1600	500	3700
	旁开 Side opening		800 × 2000		1650 × 1730				
400	中分 Center opening		800 × 2000		1800 × 1800	500			
	旁开 Side opening		800 × 2000		1650 × 1930				

注：如若超出以上规格范围，请与公司销售中心联系
Remark: Please contact with Sales department if it exceeds above specification

Standard Function

曳引式（家用）标配功能

运行功能		
电梯变频驱动		电机精确调整电动机转速，令电梯启动、运行、停止时的速度曲线平稳、圆滑，获得良好的舒适感。
门机变频驱动		精确调整门电机转速，使电梯门的开启、关闭更轻柔灵敏。
自动运行		电梯在无人操控的情况下，按照乘客给出的指令自动运行，将乘客送至目的层。
司机运行		电梯由司机进行操控，司机按乘客的要求给出指令，电梯按指令要求驶向目的层。
最佳曲线自动生成		以距离为原则，自动运算出最适合人机功能原理的速度曲线，没有个数的限制，而且不受短楼层的限制。
满载直驶		当轿内满载时，为保持最大运行效率，该轿厢将自动越过召唤层站。
开门时间自动调整		按照层站召唤或轿厢召唤的区别，自动调整保持开门时间。
本层重开门		关门途中，可以按本层站召唤按钮使门重新开启。
即时关门		电梯停站开门到位时，按下关门按钮，门立即被关闭。
驻停		关闭电锁后电梯进入驻停状态，电梯不再响应任何外呼。
换站停靠		如果电梯在开门超过开门保护时间后，开门到位信号仍然无效，电梯将自动关门，自动运行至下一层停靠。
低速自救		当电梯处于非检修状态，且未停在平层区，此时如符合运行的安全要求，电梯将自动以慢速运行至平层区，然后开门。
启动转矩自动补偿		电梯在运行前，自动根据轿厢的载重情况，进行启动补偿，达到平稳启动的效果，提高乘坐舒适感。
直接停靠		自动运算生成运行曲线，没有爬行，直接停靠平层位置，提高运行效率。

Running Function	
VVVF Drive	Motor rotating speed can be precisely adjusted to get smooth speed curve in elevator start, travel and stop and gain the comfort.
VVVF Door Operator	Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start/stop.
Automatic Running	When there is no attendant who operates elevator,elevator will run to the destination floor according to the instruction of passenger automatically.
Attendant Running	Elevator is operated by attendant,attendant press car calls as request of passengers and elevator will run to the destination floor according to the car calls.
Best Curve Autogeneration	Based on principle of distance, calculating the speed curve, which is most suitable for human-machine function theory, and without limit by floor number and short floor height.
Full Load by Pass	When the car is full load, the elevator will by pass the landing calls which has been registered to keep maximum running efficiency.
Automatic Adjustment of Door Open Holding Time	According to current registered landing call and call situation, system will automatically adjust the door open holding time.
Door Re-open at Current Floor	When door is closing, door can re-opened by pushing landing call button at current floor.
Instant Door Close	When door is completely opened, by pushing the door close button, door will close at once.
Parking	When electric key switch is turn off, elevator enters into parking state, it will not serve to any landing call.
Next Landing	If door open limit signal is invalid when door open time exceeds the preset door open protection time, the elevator will close the door automatically and run to the next landing for parking.
Self Rescue in Low Speed	When the elevator is not in inspection status and leveling position, elevator will run to the leveling zone and open the door if it meets safety running requirement at the time.
Starting Torque Automatic	Controller gives a starting compensation to reach smooth starting and enhance comfortable feeling according to the car load before elevator running.
Direct Landing	Running curve is generated automatically without crawling process, Elevator lands at the leveling zone directly, which enhances the running efficiency greatly.

应急功能		
应急照明		停电时，自动打开轿内应急照明。
紧急电动运行		当进入紧急电动状态时，轿厢以低速点动运行。
轿厢通话装置		停电或故障被困时，可通过轿厢电话对外联系。
警铃		紧急时，连续按下轿内操纵箱上的警铃按钮，安装于轿厢顶上的警铃会鸣响。

Emergency Function	
Emergency Lighting	When power is off, car emergency light gets on automatically.
Emergency Electric Operation	When elevator enters into emergency electric operation state, elevator runs in low speed jog running.
Intercom in car	Passenger can contact with others when he is trapped in car due to fault or power off.
Alarm Bell	In emergency situation, pressing the alarm bell button on C.O.P. continuously , alarm bell on car top will ring.

Standard Function 曳引式（家用）标配功能

节能功能	
风扇、照明自动关闭	在规定的时间内没有召唤或指令信号，轿厢内风扇和照明会自动关闭，节约能源。
Energy Saving	
Fan&Light Automatic Off	If there is no car call or landing call in a preset time, car inner fan and light will be automatically off to save energy.

安全功能	
抱闸力自动检测	系统将定期对制动器的制动力进行检测，如制动力不符合要求，采取保护措施。
光幕保护	光幕被遮挡时，关门动作立即停止且自动开门。
超载停驶	轿厢超载时，电梯门常开，蜂鸣器鸣响并停止于该层站。
曳引绳滑动检测	实时检测电梯运行位置偏移量，钢丝绳打滑超出允许值时，电梯减速，停止运行。
检修操作	当进入检修状态时，轿厢以低速点动运行。
故障自诊断	系统自动获取故障发生时的状态信息，以便快速排除故障，迅速恢复电梯运行。
故障自动停靠	运行中系统发生故障，安全回路有效的前提下，电梯就近平层开门。
重复开关门	电梯开关门时因阻碍或干扰，电梯门会重复打开或关闭。
上下越层及上下极限保护装置	该装置可有效地防止当电梯万一发生失控时的冲顶或撞底现象，使电梯更安全可靠。
下行超速保护装置	当电梯下降运行超速时，该装置自动切断控制电源，使电机停止运转，安全钳动作，强制电梯停止运行。
上行超速保护装置	当电梯上行超速时，该装置自动将电梯减速或制停。
安全回路保护	安全回路断开或安全回路接触器粘连，电梯立即停止。
门联锁保护	门全部关闭，电梯方可运行，或门锁接触器粘连，电梯立即停止。
主接触器保护	系统随时检测主接触器动作是否可靠，发现异常，立即停止运行。
抱闸检测保护	对抱闸的打开和闭合实时检测，若发生异常，或抱闸接触器粘连，电梯禁止启动。
电压自动识别功能	系统通过检查输入电压的大小，自动调节电梯运行速度，以适应电源功率不足的情况(如应急运行)。

Safety function	
Brakeage Automatic Detection	The brakeage will be detected by system automatically and regularly. If brakeage does not meet the requirement, it should take protection measures.
Light Curtain Protection	When light curtain is sheltered, door will stop closing at once and automatically open.
Overload Stop	When elevator is overload, elevator door keeps opening, buzz rings and elevator stops at the current floor.
Hoisting Rope Sliding Detection	Deviation of running location should be detected in real time. Elevator slow down and stop running when the steel rope slipping exceeds the allowable value.
Inspection Operation	When elevator enters into inspection state, car runs in jog state.
Troubleshooting	Controller can record the latest 20 faults in memory to facilitate the fault elimination and restore elevator running.
Auto–landing with Fault	When there is any fault occurred in elevator running, and safety circuit is valid, elevator lands to the nearest floor.
Door Close Repeat	Due to the obstacle or interference, elevator door repeats door open and close.
Top/bottom Limit and Final Limit Protection	The devices can prevent elevator from crashing to the top or bottom of hoistway in case that elevator is out of control with fault. It ensures the safety and reliability.
Down Running Protection	When elevator runs down in over speed, this device cuts off the control power to stop the motor running, safety gear is motivated to force elevator to stop.
Up Running Protection	When elevator runs up in over speed, the device forces elevator to decelerate and braking.
Safety Circuit Protection	When elevator circuit is open or contacts are adhered, elevator stops running at once.
Door Interlock Protection	Only when all doors are completely closed, elevator can run. When door interlock contacts are adhered, elevator stops running at once.
Main Contactor Protection	System detects if the main contactor acts reliably, if any abnormal is detected, elevator stops running at once.
Brake Detecting Protection	System detects the brake state, if there is any abnormal or braking contacts are adhered, elevator can’ t start running.
Voltage Automatic	System will adjust running speed automatically in order to adapt to underpower condition(such as emergency running) by checking input voltage.
Recognition Function	

人机界面	
微动指令按钮	轿内操纵箱指令按钮及层站召唤按钮采用新型微动型按钮。
运行状态显示	系统能显示电梯运行方向、层楼、开关门、故障等信息。
不停层任意设定	可根据用户需要任意设定不停靠层站。
待梯层任意设定	可根据用户需要任意设定待梯层站。
层楼显示任意设定	可根据用户需要任意设置各楼层的显示字符（字母、数字）。
井道参数自学习	通过自学习，系统将测出各层楼的间距数据，并永久保存。
干扰评价	系统可对现场控制柜接地情况、井道线接地情况等作出正确评价。
编码器评价	自动检测编码器输出脉冲质量，及评价受干扰情况。
输入口干扰评价	系统可对输入信号进行评价，指导作业人员合理布线、接地。

Human-Machine Interface	
Micro Push Button	C.O.P. and H.O.P. both adopts new micro push button.
Running State Display	System can indicates running direction, floor, door state, default ect.
No Stop Floor Set	Set the non–stop floor according to the customer’ requirement.
Homing Floor Set	Set the homing floor according to the customer’ requirement.
Floor Indication Set	Set the indication (word or digit) for every floor.
Hoistway Self–learning	Through hoistway self–learning, system can measure out the distance between every floor and record them permanently.
Interference Evaluation	System can evaluate the earthing situation of control cabinet and hoistway cable.
Encoder Evaluation	System can evaluate the encoder output pulse and interference situation.
Input Port Evaluation	System can evaluate the input signal and conduct the electrician do the wiring and earthing properly.

Optional Function 曳引式（家用）选配功能

人机界面	
语音报站	在正常运行到站的情况下，利用语音装置告知乘客有关信息。
背景音乐	在电梯正常运行中，系统自动播放背景音乐。

Human-machine Interface	
Voice Announcement	When elevator lands to the floor normally, voice announcement will advice passengers of the arrival.
Back Ground Music	When elevator runs normally, system will give out back ground music.

运行功能	
贯通门控制	通过对贯通门的设置，可控制贯通门在相应楼层的开、关动作。
能量回馈功能	将电梯运行过程中产生的再生能量回馈到电网，达到绿色节能效果。

Running Function	
Double Door Control	When the car has two doors, two doors open and close can be controlled by setting parameters.
Energy Feedback Function	The regeneration energy of elevator running process will be feedback

监控功能	
远程监控	通过有线或无线通讯模块和软件，对电梯运行状态进行实时监控。
小区监控	控制系统与小区监控室的终端相连，通过软件，可实时监控查看电梯运行状态、故障信息等。

Monitor Function	
Remote Monitor	By wire or wireless communication module, system performs real–time monitoring of elevator running state.
Residential Area Monitor	Connecting the terminal of control system and residential area monitor,it can know the elevator running status, fault and other situation by program.

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完善的售后服务体系， 让您无后顾之忧

我们在售前、售中、售后的整个过程全面建立了完善的和高标准的服务体系，对售出的每一台电梯都将实行及时、高效地售后服务及有偿终身维修保养，让您的选择无后顾之忧。

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We builded a perfect and high standard service system comprehensively between before-sale, mid-sale and after sale, and we implements the perfect after-sale service and life-long repair& maintenance to every lift which has been sold to the customers. This is our solemn guarantee to you that we resolve the actual difficulties for the customers.



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