

INTELLIGENT NEW ENERGY CHARGING PILE .

智能新能源充电桩 产品选型手册

浙江春宇控股有限公司
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浙江春宇控股有限公司

ABOUT US

浙江春宇控股有限公司是红旗集团电力金具有限公司旗下全资子公司，是一家集新能源充电系统解决方案、新能源充电桩研发和配套生产、新能源充电站投建和运营的综合性企业。

浙江春宇下设浙江春宇新能源汽车科技有限公司、浙江春宇新能源科技有限公司、浙江春尚充电桩有限公司。产品涵盖新能源汽车直流充电桩，交流充电桩，矩阵式柔性充电堆等，拥有完善的充电桩生产流水线、充电桩检测调试设备，“春宇智充”大数据运营平台，并和高德地图等平台达成了全国性合作，为各地充电站的运营提供了坚实的保障，为中国新能源车主提供安全、便捷、智能的充电解决方案和配套服务。

愿景 Vision

我们专注于新能源充电生态网络的建设、运营及互联网增值的专业服务
为每一个城市量身定制城市级的新能源充电解决方案

使命 Mission

为客户提供周到的综合系统服务
为员工营造良好的职业发展空间

为股东实现持续的资本增值回报
为社会增添社会环境文明动力

核心价值观 Core values

创新（开拓未来）、激情（战胜艰险）、诚信（立足天下）、和谐（奉献社会）

STRENGTH AND HONOR

荣誉·实力



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7kW AC charging pile

智能新能源充电桩



● 产品简介 Product Introduction

交流充电站提供交流 50Hz、额定电压 220V 的交流电源，为带车载充电器的电动汽车充电，主要适用于以下场所:大、中、小型电动汽车充电站，各类有电动汽车停车位的公共场所，如城市居民小区、购物广场、电力营业场所等，高速服务区、车站、码头等交通枢纽区域;房地产及工程建设验收需要。

AC charging station provides AC power supply of AC 50Hz and rated voltage of 220V to charge electric vehicles with on-boardchargers,mainly suitable for the following places: large, medium and small electric vehicle charging stations; All kinds of public places with electric vehicle parking spaces,uch as urban residential areas, shopping mals, electric power business places, etc.: Transportation hub areas such as high-speed service areas, stations, and terminals; Real estate and engineering construction acceptance needs.

● 产品优点 Product advantages

★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)

★ 稳定可靠 Stable and Reliable

机身防护等级达到P54 行业标准，无惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used nommmally outdoors without fear of ran and dust.The product adapts to extrenely harsh envtrnments, high-strength engineering plasticsare suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which ts durable and has a long life.

★ 小巧便捷 Smalland convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and vehicle delivery.

★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。it can be equipped with column floor, no back panel wall mounting, conwenlent three charging methods.

★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。The standby power consupion is small, and the cnergy-saving efhciency is more than 2 times higher than that of products of the same level on the market.

技术参数 Technical parameters

名称	Name	交流充电桩	AC charging pile
型号	Model	CY-YA 7kW	
外形尺寸	Overall dimension(mm)	340*240*110	
人机交互	Human-computer interaction	4.3寸显示屏	4.3 inch display screen
交流电源	AC power supply	220Vac±20%;50Hz±10;L+N+PE	
额定电流	Rated current	32A	
输出功率	Output power	7kW	
工作环境	Work environment	海拔Altitude:≤2000m ;温度Temperature:~20°C~+50°C;	
充电方式	Charging method	即插即充、刷卡、扫码	Plugand Play Charging, Swipe Card, Scan Code
联网方式	Networking methods	以太网 Ethernet、4G、Wifi	
运营模式	Operation mode	离线不计费、离线计费、在线计费	
保护功能	Protection function	过压、欠压、过流、短路、浪涌、漏电等	
充电接口	Charging interface	GB/T20234.2-2015	
防护等级	Protection grade	IP54	
充电线长	Charging line length	标配3.5米(可选)	
安装方式	Installation method	壁挂安装或落地安装，需配套相应附件	



7kW AC charging pile

智能新能源充电桩

CY-YA 7kW

落地式单枪交流充电桩

● 产品简介 Product Introduction

冷轧钢 +静电喷塑，外壳坚固，抗压，抗冲击支持刷卡扫码充电，触控屏更适合用户操作建站运营，室内外停车场，商场的最佳选择充电枪时尚且符合人体工程学设计、防水等级IP54适合室外安装使用。

Cold rolled steel+electrostatic spray molding, sturdy shel, compressive resistance, impact resistance, support for card swiping and code scanning charging, touch screen s more sutable tor user operation, station buiding and operation, indoor and outdoor parkin lots, and the best choice for shopping malls. The charging gun is fashionable and ergonomically designed, with a waterproof grade of IP54, suitable for outdoor installation and use.

● 产品优点 Product advantages

- ★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)
- ★ 稳定可靠 Stable and Reliable

机身防护等级达到P54 行业标准，无惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used nommmally oudoors without fear of ran and dust.The product adapts to extrerely harsh envtrnments, high-strength engineering plasticsare suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which ts durable and has a long life.
- ★ 小巧便捷 Smalland convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and vehicle delivery.

- ★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。it can be equlpped with column floor, no back panel wall mounting, conwenlent three charging methods.
- ★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。The standby power consumption is small, and the cnergy-saving efficiency is more than 2 times higher than that of products of the same level on the market.

技术参数 Technical parameters		
详细规格 Detailed specifications	产品型号 Product mode	CY-YA 7kW 单枪充电桩 Single gun charging station
使用场景 Usage scenarios		家庭/自用/商用 Home/Self use/Commercial
外观结构 Exterior structure	产品属性 Product attributes	身份识别(刷卡)交流桩Identification (swipe card) exchange pile
	设备尺寸 Device size	1400*410*240mm(L*W*T)
	安装方式 Installation method	壁挂式/落地式 Wall mounted/floor-standing
	走线方式 Routing method	下进线/下出线Down/down
	设备重量 Device weight	25KG
	线缆长度 Cable length	5M
电气指标 Electrical indicators	输入电压 Input voltage	AC220V±20%
	输入频率 Input frequency	50±3Hz
	额定功率 Rated power	7kw
	计量精度 Metrology accuracy	1级 Level
	输出电压 Output voltage	AC220V±20%
	输出电流 Output current	32A
	待机功耗 Standby power	<2W
功能设计 Functional design	人机界面 Interface	刷卡(可调直充)、急停按钮、LED 指示灯 Swipe card (adjustable direct charging), emergency stop button, LED indicator.
安全设计 Secure by design	安规标准 Safety standards	GB/T18487-2015
	保护设计 Protect the design	过压保护、欠压保护、短路保护、过载保护、接地保护、过温保护、低温保护、防雷保护、漏电保护。Overvoltage protection, undervoltage protection, short circuit protection, overload protection grounding protection, overtemperature protection, low temperature protection, lightning protection, leakage protection.
环境指标 Environmentalindicators	适用环境 Applicable environment	户内/户外 Indoor/Outdoor
	工作温度 Operating temperature	-20°C~+50°C
	工作湿度 Operating humidity	5%~95%无凝霜 Frostfree
	通讯接口 Communication interface	支持2G/4G、以太网Supports 2G/4G, Ethernet
	防护等级 Degree of protection	IP54
	冷却方式 Cooling method	自然冷却 Natural cooling
	MTBF	100.000小时 Hour
	特殊防护 Special protection	防UV设计 UV resistant design
可选配件 Optional accessories	安装组件 Install the components	标准交流挂枪空插座 Standard AC hanging gun empty socket



14kW AC charging pile

智能新能源充电桩

CY-YA 14kW

落地式双枪交流充电桩

● 产品简介 Product Introduction

- 1、镀锌 +PC 材质+静电喷塑机身，外壳坚固，抗压，抗冲击。
- 2、支持刷卡扫码充电，触控屏更适合用户操作。
- 3、建站运营，室内外停车场，商场的最佳选择。
- 4、面板采用 PC亚克力，耐用、美观。

1. Galvanized + PC material+electrotatic plastic spraying body, solid shell, compression resistance and impact resistance.
2. It supports card swiping and code scanning charging, and the touch screen is more suitable for user operation.
3. The best choice for station construction and operation, indoor and outdoor parking lots and shopping malls.
- 4 The panel adopts PC acrylic, which is durable and beautiful.

● 产品优点 Product advantages

- ★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)
- ★ 稳定可靠 Stable and Reliable

机身防护等级达到P54 行业标准，无惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used nommmally outdoors without fear of ran and dust.The product adapts to extrerely harsh envtronnents, high-strength engineering plasticsare suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which ts durable and has a long life.
- ★ 小巧便捷 Smalland convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and wehicle delivery.

- ★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。it can be equippted with column foor, no back panel wall mounting, conwenlent three charging methods.
- ★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。The standby power consumption is small, and the cnergy-saving effciency is more than 2 times higher than that of products of the same level on the market.

技术参数 Technical parameters

详细规格 Detailed specifications	名称 Name	参数 Parameter	
外观结构 Exterior structure	产品型号 Product model	CY-YA 14kW	
	设备尺寸 Device size	480mmx350mmx120mm	
	安装方式 Installation method	壁挂式 Wall mounted	立柱式 Column mounted
	走线方式 Routing method	下进下出 Bottom in and out	
	线缆长度 Cable length	5M	
电气指标 Electrical indicators	输入电压 Input voltage	AC220V±20%	
	输入频率 Input frequency	50±3Hz	
	额定功率 Rated power	14kw	
	输出电压 Output voltage	AC220V±20%	
	输出电流 Output current	32A+32A	
功能设计 Functional design	通讯接口 communication interface	支持4G/3G/2G、以太网(自组网)/小程序 Support4G/3G/2G,Ethernet (ad hoc network)/Applet	
	人机界面 Interface	4.3寸触摸屏4.3-Inch touch screen	
安全设计 Secure by design	安规标准 Safety regulations andstandards	GB/T 20234、GBT 8487、NB/T 33008、NBT33002	
	充电方式 Chargingmethod	刷卡、扫码、即插即充 Swipe card,scan code,plug and play charging	
	保护设计 Protect the design	过压保护、欠压保护、短路保护、过载保护、接地保护、过温保护、低温保护、防雷保护、漏电保护。Overvoltage protection, undervoltage protection, short circuit protection, overload protection grounding protection, overtemperature protection, low temperature protection, lightning protection, leakage protection.	
环境指标 Environmentalindicators	适用环境 Applicable environment	户内/户外 Indoor/Outdoor	
	工作温度 Operating temperature	-20℃~+50℃	
	防护等级 Degree of protection	IP54	

DC charging station for electric vehicles

智能新能源充电桩

CY-YD 15/30/40kW

电动汽车直流充电桩

● 产品简介 Product Introduction

CY-YD 系列一体式直流充电机采用快充技术支持各类型电池，此机箱功率 15~40kW，分段式恒功率设计，宽范围设定输出电压电流，可以大幅度提升充电速度，功率单元采用高频开关电源模块并联运行，各模块独立控制，可靠性强，易于维护，充电方式：30kW 直流桩.单枪输出功率30kW，双枪分别输出功率30kW(其他功率以此类推)。

The CY-YD series integrated Dc charger adopts fast charging technology to support various types of batteries. The chassis has a power of 15~40kW, a segmented constant power design, and a wide range of output voltage and current settings, which can greatly improve the charging speed. The power unit uses high-frequency switching power modules to operate in parallel, and each module is independently controlled, with strong reliability and easy maintenance. The charging method is 30kW DC pile, with a single gun output power of 30kW, The output power of the two guns is 30kW respectively (and other powers can be deduced accordingly).

● 产品优点 Product advantages

- ★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)
- ★ 稳定可靠 Stable and Reliable

机身防护等级达到IP54 行业标准，无惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used normally outdoors without fear of rain and dust. The product adapts to extremely harsh environments, high-strength engineering plastics are suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which is durable and has a long life.
- ★ 小巧便捷 Small and convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and vehicle delivery



- ★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。it can be equipped with column foot, no back panel wall mounting, convenient three charging methods.
- ★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。The standby power consumption is small, and the energy-saving efficiency is more than 2 times higher than that of products of the same level on the market.

技术参数 Technical parameters

详细规格 Detailed specifications	产品型号 Product mode	CY-YD 15/30/40kW
使用场景 Usage scenarios		家庭/自用/商用 Home/Self use/Commercial
外观结构 Exterior structure	产品属性 Product attributes	身份识别(刷卡)直流桩 Identity recognition (card swiping) DC pile
	设备尺寸 Device size	1700*695*295mm(L*W*T)
	安装方式 Installation method	落地式 Wfloor-standing
	走线方式 Routing method	下进线/下出线Down/down
	设备重量 Device weight	65KG - 70KG - 75KG
	线缆长度 Cable length	5M
电气指标 Electrical indicators	输入电压 Input voltage	AC380V±15%(三相 Triphasic)
	输入频率 Input frequency	50±5Hz(三相 Triphasic)
	额定功率 Rated power	(15~40)KW
	计量精度 Metrology accuracy	1级 Level
	输出电压 Output voltage	DC200~700V
	输出电流 Output current	30~80A
	额定功率 Rated power	<2W
功能设计 Functional design	稳压精度 Voltage stabilization accuracy	≤±5%
安全设计 Secure by design	安规标准 Safety standards	GB/T18487-2015
	波纹系数 Ripple coefficient	≤±0.5%
环境指标 Environmental indicators	适用环境 Applicable environment	户内/户外 Indoor/Outdoor
	工作温度 Operating temperature	-30°C~+55°C
	工作湿度 Operating humidity	5%~95%无凝霜 Frostfree
	工作海拔 Working altitude	<2000m
	防护等级 Degree of protection	IP54
	冷却方式 Cooling method	风冷 Forced air cooling
	谐波电流 Harmonic current	≤5%
	充电效率Charge efficiency	≥93%

DC charging station for electric vehicles

智能新能源充电桩

CY-YD 60/120kW

电动汽车直流充电桩

● 产品简介 Product Introduction

CY-YD 系列一体式直流充电机采用快充技术支持各类型电池，此机箱功率 60~120kW，分段式恒功率设计，宽范围设定输出电压电流，可以大幅度提升充电速度，功率单元采用高频开关电源模块并联运行，各模块独立控制，可靠性强，易于维护，充电方式:60kW 直流桩单枪输出功率60kW，双枪分别输出功率60kW(其他功率以此类推)

The CY-YD series integrated DC charger adopts fast charging technology to support various types of batteries. The chassis has a power of 60~120kW, a segmented constant power design, and a wide range of output voltage and current settings, which can greatly improve the charging speed. The power unit uses high-frequency switching power modules to operate in parallel, and each module is independently controlled, with strong reliability and easy maintenance. The charging method is 60kW DC pile, with a single gun output power of 60kW. The output power of the two guns is 60kW respectively (and other powers can be deduced accordingly).

● 产品优点 Product advantages

★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)

★ 稳定可靠 Stable and Reliable

机身防护等级达到IP54 行业标准，不惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used normally outdoors without fear of rain and dust. The product adapts to extremely harsh environments, high-strength engineering plastics are suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which is durable and has a long life.

★ 小巧便捷 Small and convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and vehicle delivery



★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。it can be equipped with column floor, no back panel wall mounting, convenient three charging methods.

★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。The standby power consumption is small, and the energy-saving efficiency is more than 2 times higher than that of products of the same level on the market.

技术参数 Technical parameters

详细规格 Detailed specifications	产品型号 Product mode	CY-YD 60/120kW
使用场景 Usage scenarios		家庭/自用/商用 Home/Self use/Commercial
外观结构 Exterior structure	产品属性 Product attributes	身份识别(刷卡)直流桩 Identity recognition (card swiping) DC pile
	设备尺寸 Device size	1700*695*295mm(L*W*T)
	安装方式 Installation method	落地式 floor-standing
	走线方式 Routing method	下进线/下出线Down/down
	设备重量 Device weight	100KG
	线缆长度 Cable length	5M
电气指标 Electrical indicators	输入电压 Input voltage	AC380V±15%(三相 Triphasic)
	输入频率 Input frequency	50±5Hz(三相 Triphasic)
	额定功率 Rated power	60KW
	计量精度 Metrology accuracy	1级 Level
	输出电压 Output voltage	DC200~700V
	输出电流 Output current	120A
	额定功率 Rated power	<2W
功能设计 Functional design	稳压精度 Voltage stabilization accuracy	≤±5%
安全设计 Secure by design	安规标准 Safety standards	GB/T18487-2015
	波纹系数 Ripple coefficient	≤±0.5%
环境指标 Environmental indicators	适用环境 Applicable environment	户内/户外 Indoor/Outdoor
	工作温度 Operating temperature	-30°C~+55°C
	工作湿度 Operating humidity	5%~95%无凝霜 Frostfree
	工作海拔 Working altitude	<2000m
	防护等级 Degree of protection	IP54
	冷却方式 Cooling method	风冷 Forced air cooling
	谐波电流 Harmonic current	≤5%
	充电效率 Charge efficiency	≥93%

DC charging station for electric vehicles

智能新能源充电桩

CY-YD 160/180kW

电动汽车直流充电桩

● 产品简介 Product Introduction

一体式直流充电机采用快充技术支持各类型电池，此机箱功率 160-180kW，分段式恒功率设计，宽范围设定输出电压电流，可以大福度提升充电速度，功率单元采用高频开关电源模块并联运行，各模块独立控制，可靠性强，易于维护，充电方式:160KW 直流桩，单枪输出功率160kW，双枪分别输出功率160kW(其他功率以此类推)

The integrated Dc charger adopts fast charging technology to support various types of batteries. The chassis has a power of 160-180kW and a segmented constant power design with a wide range of output volage and current settings, which can greatly improve the charging speed. The power unit uses high-frequency switching power modules to operate in parallel, and each module is independent controlled, with strong reliability and easy maintenance. Charging method: 160kW DC pile, single gun output power 160kW, The output power of the two guns is 160kW (and other powers are similar).

● 产品优点 Product advantages

- ★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)
- ★ 稳定可靠 Stable and Reliable

机身防护等级达到P54 行业标准，无惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used nommmally outdoors without fear of ran and dust.The product adapts to extrenely harsh envtronments, high-strength engineering plasticsare suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which ts durable and has a long life.
- ★ 小巧便捷 Smalland convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and vehicle delivery



- ★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。It can be equlpped with column foot, no back panel wall mounting, conwenlent three charging methods.
- ★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。The standby power consuption is small, and the cnergy-saving efficiency is more than 2 times higher than that of products of the same level on the market.

技术参数 Technical parameters

详细规格 Detailed specifications	产品型号 Product mode	CY-YD 160/180kW
使用场景 Usage scenarios		家庭/自用/随车 Home/Self use/With car
外观结构 Exterior structure	产品属性 Product attributes	身份识别(刷卡)直流桩 Identity recognition (card swiping) DC pile
	设备尺寸 Device size	1700*695*295mm(L*W*T)
	安装方式 Installation method	落地式 floor-standing
	走线方式 Routing method	下进线/下出线Down/down
	设备重量 Device weight	100KG/130KG
	线缆长度 Cable length	5M
电气指标 Electrical indicators	输入电压 Input voltage	AC380V±15%(三相 Triphasic)
	输入频率 Input frequency	50±5Hz(三相 Triphasic)
	额定功率 Rated power	(160-180) KW
	计量精度 Metrology accuracy	1级 Level
	输出电压 Output voltage	DC200~750V
	输出电流 Output current	110-440A
	额定功率 Rated power	<2W
功能设计 Functional design	稳压精度 Voltage stabilization accuracy	≤±5%
安全设计 Secure by design	安规标准 Safety standards	GB/T18487-2015
	波纹系数 Ripple coefficient	≤±0.5%
环境指标 Environmentalindicators	适用环境 Applicable environment	户内/户外 Indoor/Outdoor
	工作温度 Operating temperature	-30°C~+55°C
	工作湿度 Operating humidity	5%~95%无凝霜 Frostfree
	工作海拔 Working altitude	<2000m
	防护等级 Degree of protection	IP54
	冷却方式 Cooling method	风冷 Forced air cooling
	谐波电流 Harmonic current	≤5%
	充电效率Charge efficiency	≥93%

DC charging station for electric vehicles

智能新能源充电桩

CY-YD 80/240kW

一体机四枪直流充电桩

● 产品简介 Product Introduction

一体式直流充电机采用快充技术支持各类型电池，此机箱功率 80-240kW，分段式恒功率设计，宽范围设定输出电压电流，可以大幅度提升充电速度，功率单元采用高频开关电源模块并联运行，各模块独立控制，可靠性强，易于维护，充电方式:80kW 直流桩，单枪输出功率 80kW，双枪分别输出功率 80kW(其他功率以此类推)。

The integrated Dc charger adopts fast charging technology to support various types of batteries. The chassis has a power of 160-180kW and a segmented constant power design with a wide range of output voltage and current settings, which can greatly improve the charging speed. The power unit uses high-frequency switching power modules to operate in parallel, and each module is independentl controlled,with strong reliabilty and easy maintenance. Charging method: 160kW DC pile, single gun output power 160kW, The outputpower of the two quns is 160kW (and other powers are similar).

● 产品优点 Product advantages

- ★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)
- ★ 稳定可靠 Stable and Reliable

机身防护等级达到P54 行业标准，无惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used nommmally oudoors without fear of ran and dust.The product adapts to extrerely harsh envtronnents, high-strength engineering plasticsare suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which ts durable and has a long life.
- ★ 小巧便捷 Smalland convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and vehicle delivery



- ★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。It can be equlpped with column foor, no back panel wall mounting, conwenlent three charging methods.
- ★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。The standby power consupion is small, and the cnergy-saving efcienlcy is more than 2 times higher than that of products of the same level on the market.

技术参数 Technical parameters

详细规格 Detailed specifications	产品型号 Product mode	CY-YD 80/240kW
使用场景 Usage scenarios		家庭/自用/随车 Home/Self use/With car
外观结构 Exterior structure	产品属性 Product attributes	身份识别(刷卡)直流桩 Identity recognition (card swiping) DC pile
	设备尺寸 Device size	1700*695*295mm(L*W*T)
	安装方式 Installation method	落地式 floor-standing
	走线方式 Routing method	下进线/下出线Down/down
	设备重量 Device weight	100KG/130KG
	线缆长度 Cable length	5M
电气指标 Electrical indicators	输入电压 Input voltage	AC380V±15%(三相 Triphasic)
	输入频率 Input frequency	50±5Hz(三相 Triphasic)
	额定功率 Rated power	(160-180) KW
	计量精度 Metrology accuracy	1级 Level
	输出电压 Output voltage	DC200~750V
	输出电流 Output current	110-440A
	额定功率 Rated power	<2W
功能设计 Functional design	稳压精度 Voltage stabilization accuracy	≤±5%
安全设计 Secure by design	安规标准 Safety standards	GB/T18487-2015
	波纹系数 Ripple coefficient	≤±0.5%
环境指标 Environmentalindicators	适用环境 Applicable environment	户内/户外 Indoor/Outdoor
	工作温度 Operating temperature	-30℃~+55℃
	工作湿度 Operating humidity	5%~95%无凝霜 Frostfree
	工作海拔 Working altitude	<2000m
	防护等级 Degree of protection	IP54
	冷却方式 Cooling method	风冷 Forced air cooling
	谐波电流 Harmonic current	≤5%
	充电效率Charge efficiency	≥93%

DC charging station for electric vehicles

智能新能源充电桩

CY-YD 240/360kW

电动汽车直流充电桩



● 产品简介 Product Introduction

一体式直流充电机采用快充技术支持各类型电池，此机箱功率 240-360kW，分段式恒功率设计，宽范围设定输出电压电流，可以大幅度提升充电速度，功率单元采用高频开关电源模块并联运行，各模块独立控制，可靠性强，易于维护，充电方式:240kW 直流桩，单枪输出功率240kW，双枪分别输出功率 240kW(其他功率以此类推)。

The integrated Dc charger adopts fat charging technology to support various types of batteries. The chassis has a power of 240-360kw, a segmented constant power design, and a wide range of output votage and current setings. which can greatly improve thecharging speed. The power unit uses high-frequency switching power modules to operate in parallel, and each module is independentl controlled,with strong reliability and easy maintenance. The charging method is 240kW DC pile, with a single gun output power of 240kW, The output power of the two guns is 240kW respectively (and other powers can be deduced accordingly).

● 产品优点 Product advantages

★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)

★ 稳定可靠 Stable and Reliable

机身防护等级达到IP54 行业标准，不惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used nommmally outdoors without fear of ran and dust.The product adapts to extrenely harsh envtronments, high-strength engineering plasticsare suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which ts durable and has a long life.

★ 小巧便捷 Smalland convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and vehicle delivery

★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。it can be equipped with column floor, no back panel wall mounting, conwenlent three charging methods.

★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。The standby power consuption is small, and the cnergy-saving efhciency is more than 2 times higher than that of products of the same level on the market.

技术参数 Technical parameters

详细规格 Detailed specifications	产品型号 Product mode	CY-YD 240/360kW
使用场景 Usage scenarios		家庭/自用/随车 Home/Self use/With car
外观结构 Exterior structure	产品属性 Product attributes	身份识别(刷卡)直流桩 Identity recognition (card swiping) DC pile
	设备尺寸 Device size	1700*695*295mm(L*W*T)
	安装方式 Installation method	落地式 floor-standing
	走线方式 Routing method	下进线/下出线Down/down
	设备重量 Device weight	100KG/130KG
	线缆长度 Cable length	5m (可选Optional)
电气指标 Electrical indicators	输入电压 Input voltage	380Vac±20%
	输入频率 Input frequency	50Hz±10%
	额定功率 Rated power	(240-360) KW
	计量精度 Metrology accuracy	1级 Level
	输出电压 Output voltage	DC200~750V
	输出电流 Output current	250A
	额定功率 Rated power	<2W
功能设计 Functional design	稳压精度 Voltage stabilization accuracy	≤±5%
安全设计 Secure by design	安规标准 Safety standards	GB/T18487-2015
	波纹系数 Ripple coefficient	≤±0.5%
环境指标 Environmentalindicators	适用环境 Applicable environment	户内/户外 Indoor/Outdoor
	工作温度 Operating temperature	-30℃~+55℃
	工作湿度 Operating humidity	5%~95%无凝霜 Frostfree
	工作海拔 Working altitude	<2000m
	防护等级 Degree of protection	IP54
	冷却方式 Cooling method	风冷 Forced air cooling
	谐波电流 Harmonic current	≤5%
	充电效率Charge efficiency	≥93%

DC charging station for electric vehicles

智能新能源充电桩

CY-YD 240/360kW

电动汽车直流充电桩

● 产品简介 Product Introduction

本产品主要由人机交互触摸屏、读卡器、电能计量模块、充电模块、通讯模块、充电接口、控制模块和桩体组成。充电桩具有多重保护功能，输入输出具备双重安全保护措施，充电时可实时监测充电电缆的连接状态，连接异常时立即终止充电，确保充电过程中的人身和车辆安全。人性化的界面显示和控制导引功能，让客户方便完成充电过程，对外提供以太网、GPRS 等多种通信接口，与监控中心、运营管理中心实时通信，实时监测充电状态。

This product is mainly composed of human-computer interaction touch screen, card reader, electric energy metering module, charging module Communication module, charging intertace,control module and pil. The charging pile has multiple protection unctions, and the input and output have dual safety protection measures.During charging, the connection state of the charging cable can be monitored in real time, and the charging can be terminated immediately in case of abnormal connec-tion, so as to ensure the personal and vehicle safety during charging, Humanized interface display and control guidance function make t onveniet for customers to complete the charging process; Provide Ethernet, GPRS and other communication interfaces to communicate with the monitoring center and operation management center in real time to monitor the charging state in real time.

● 产品优点 Product advantages

- ★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)
- ★ 稳定可靠 Stable and Reliable

机身防护等级达到IP54 行业标准，不惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used nommmally outdoors without fear of ran and dust.The product adapts to extrerely harsh envtronnents, high-strength engineering plasticsare suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which ts durable and has a long life.
- ★ 小巧便捷 Smalland convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and vechile delivery



- ★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。it can be equlpped with column floor, no back panel wall mounting, conwenlent three charging methods.
- ★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。The standby power consumption is small, and the cnergy-saving efficiency is more than 2 times higher than that of products of the same level on the market.

技术参数 Technical parameters

详细规格 Detailed specifications	名称 Name	参数 Parameter	
基本指标 Basic indicators	型号 Model	CY-YD 240kW	CY-YD 360kW
	额定功率 Rated power	240kW	360kW
	枪数 Numberofguns	2	
	散热方式 Heat dissipation mode	强制风冷 Forced air cooling	
	后台通讯 Background communication	4G/以太网/小程序4G/Ethernet/Applet	
	充电枪线长 Charging gun wire length	5m(可定制)(customizable)	
	外形尺寸(宽x深X高) Overall dimension(WXDXH)	750mmX550mmx1600mm	
输出特性 output characteristic	电压范围 Voltage range	100-750VDC	
	最大电流 Maximum current	A枪 :250A B枪 :250A	A枪 :250A B枪 :250A
	充电策略 Chargingstrategy	120kW+120kW	180kW+180kW
	峰值效率 Peak efficiency	95%	
	输出电压误差 Output voltage error	≤±0.5%	
	输出电流误差 Output current error	≤30A时，≤±1%;<30A时，±≤0.3A	
	稳压精度 Voltage stabilizing accuracy	≤±0.5%	
	稳流精度Current stabilizing accuracy	≤±1%	
	纹波峰峰值 Ripple peak	≤±1%	
	功率因数 Powerfactor	≥0.99	
输入特性 Input characteristics	谐波 Harmonic	≤5%	
	输入电压 Input voltage	AC380V±15%，三相 Three-phase+N+PE	
环境指标 Environmentalindicators	频率 Frequency	45HZ-65Hz	
	存储温度 Storage temperature	-40~+80℃	
	工作温度 Operating temperature	-20℃~+50℃	
	相对湿度 relative humidity	5-90%RH，无冷凝 Non-condensing	
	工作海拔 Working altitude	≤2000m	
	使用环境 Useenvironment	室内或室外(IP54) Indoororoutdoor(IP54)	

Split type charging pile (flexible charging pile)

智能新能源充电桩

CY-FD

360/960kW

分体式充电桩

(柔性充电堆)

● 产品简介 Product Introduction

分体式充电桩适用于城市专用充电站(公交车、出租车、公务车、环卫车、物流车等); 城市公共充电站(私家车、通勤车、大巴车): 城市居民小区、购物广场、电力营业场所等各种停车场;城际高速公路充电站等需要直流快速充电的场合， 特别适合场地受限情况下的快速部署。

The split type Charging station is suitable for special charging stations in cities (buses, taxis, official vehicles,sanitation vehicles, logistics vehicles,etc.); Urban public charging stations (private ars, commuters, buses); Various parking lots such as urban residential areas, shopping squares, and power business venues; in situations where Dc fast charging is required,such as charging stations on intercity highways, it is particularly suitable for rapiod deployment in limited venues.

● 产品优点 Product advantages

- ★ 美观实用 Beautiful and practical

高度简洁设计，支持刷卡身份识别，带屏幕显示(可选)Highly simple design, support swipe identification, with on-screen display (optional)
- ★ 稳定可靠 Stable and Reliable

机身防护等级达到IP54 行业标准，无惧雨淋和灰尘户外也可正常使用。产品适应极端恶劣环境，高强度工程塑料适用冰天雪地或酷暑内核采用工业级元器件，经久耐用寿命长。The protection level of the fuselage reaches IP54 industry standards, and it can be used nommmally outdoors without fear of ran and dust.The product adapts to extrerely harsh envtronments, high-strength engineering plasticsare suitable for ice and snow or hot summer, and the core adopts industrial-grade components, which ts durable and has a long life.
- ★ 小巧便捷 Smalland convenient

产品轻便，安装方便是为家庭自用、随车配送。The product is light and easy to install, and is for family use and wehicle delivery



- ★ 一桩多用 One multi-task

可配立柱落地、免背板壁挂、便捷三种使用充电方式。
- ★ 节能Energy conservation

待机功耗小，比市面同等级产品节能效率提升2倍以上。

技术参数 Technical parameters

详细规格 Detailed specifications	名称 Name	参数 Parameter		
整流柜 Rectifier cabinet	规格型号 Specification and model	CY-FD 240kW分体式	CY-FD 360kW分体式	CY-FD 480kW分体式
	外形尺寸 Overall dimensions	2200mmx1060mmx1000mm(H*W*D)		
	安装方式 Installation method	落地式安装 Floor mounted		
	进线方式 Incomingmethod	下进下出 Down in and down out		
	输入电压 Inputvoltage	AC380V±15%		
	输入频率 Inputfrequency	45Hz-65Hz		
	输出电压 Output voltage	DC 200-750V		
充电终端 Charging terminal	外形尺寸 Overall dimensions	1500mmx420mmx240mm(H*W*D)		
	人机界面 Interface	7寸触摸屏 7-Inch touch screen		
	输入交流电压 Input AC voltage	AC220V±20%		
	输入频率 Inputfrequency	50Hz+1		
	直流输入DCinput	200-750V		
	直流输出 DC output	200-750V		
	单枪输出电流 Single gun output current	0-2504		
电气指标 Electrical specifications	充电枪数量 Number of charging guns	6		
	抢线长度 Gun threadlength	5米(可根据客户需求定制长度) 5 meters (length can be customized according to customer needs)		
	安装方式 Installation method	落地式安装 Floor mounted		
	限流保护值 Current limiting protection value	≥110%		
	稳压精度 Voltage stabilization accuracy	≤±0.5%		
功能设计 Functional design	稳压精度 Steady current accuracy	≤±1%		
	波纹系数 Ripple coefficient	≤±0.5%		
	效率 Efficiency	≥95%		
安全设计 Safety design	充电模式 Chargingmode	自动充满/定电量/定金额/定时间 Automaticcharging/fixed power/fixedamount/fixedtime		
	充电方式 Chargingmethod	刷卡/扫码 Swipe card/scan code		
	通信接口 Communication interface	4G/以太网/小程序4G/Ethernet/Applet		
环境指标 Environmental indicators	执行标准 Executive standards	GB/T20234、GB/T18487、NB/T33008、GB/T27930		
	安全功能 Safetyfunctions	充电枪温度检测、过压保护、欠压保护、过载保护、短路保护、接地保护、过温保护、低温保护、绝缘监测保护、极性反接保护、防雷保护、急停保护、漏电保护		
	工作温度 Working temperature	-25°C~+55°C		
	工作湿度 Workinghumidity	5%-95%无凝霜 Frost free		
	海拔高度 Altitude	<2000m		
	防护等级 Protection level	IP54		
	冷却方式 Coolingmethod	风冷 Forced air cooling		

A comprehensive platform system

完善的平台系统



● 春宇智充微信小程序控制说明 Chunyu Smart Charge WeChat Mini Program Control Instructions

春宇智充微信小程序,面向社会车辆运营服务,支持支付宝,微信等支付功能,支持充电桩位置查询与导航,充电终端充电桩状态查询、充电历史记录查询、电站及充电终端收藏。账户余额查询与充电过程监控等功能。

Chunyu Zhichong WeChat applet is oriented to social vehicle operation services, supports Alipay, WeChat and other payment functions, supports charging pile location query and navigation, charging terminal charging pile status query, charging history query, power station and charging terminal collection. Account balance inquiry and charging process monitoring functions.

1. 对接APP平台

充电桩可对接多种APP平台,运营更加灵活方便,对接运营商想要的合作APP。

2. 智能导航及充电

车主可通过手机快速查询附近的充电设备并进行定位导航,到达后扫码充电,充电支持支付宝,微信等移动支付,让你的充电方便快捷。

3. 实时反馈数据

车主充电完成后可实时接收充电反馈信息,包括消费金额、所充电量、金额显示等。

4. 支持各种车辆充电

支持国标交流和国标直流,从纯电动到插电式混合,支持市面上99%的车辆。越来越多的电动汽车均可找到服务与帮助。

电站检测管理云平台 Station detection management cloud platform



24小时智能监测场站

故障预警+能耗统计

确保每1台充电桩正常运行

合伙人监管提现后台 Partner Regulatory Withdrawal Backstage

提供合伙人远程监管后台

只需手机/电脑就能操作

随时随地监控提现

T+1 到账



监控系统主要功能是完成对现场充电设备信息的采集、分析工作，并能方便的利用软件对充电设备进行监控对数据进行特定的后续处理。监控系统的优点在于可及时发现早期故障的征兆，使运行维护人员在发生故障前能够通过检测手段及早消除隐患。从而避免恶性事故的发生，提高了维护质量和效率。尤其是对于偏远地区、分布范围零散等一些特殊的情况下，操作人员无法很快抵达现场处理，而必须远在几百公里甚至几千公里之外的监控室操作。如此远程分散性的监控，就必须建立对充电设备的远程监控系统。

监控系统通过与远程充电设备通信，实时获取充电设备中存储的相关信息，包括:充电桩正常运行信息;用户消费信息;充电设备异常信息等。所有数据直接呈现在管理人员眼前，并可通过对数据的分析处理形成相关报表以供运营决策。

监控系统可以在服务器控制端根据充电设备反馈的各种信息，远程对所管辖的充电设备进行参数设定与调整。系统根据反馈的信息进行综合分析，对充电设备实行智能控制，在充电设备出现异常情况时自动发出指令使充电设备完成断电保护动作，保护人车安全;在监控到充电设备满足正常充电条件后，系统可以自动发出恢复指令。

Charging Station Operation Application Plan 充电桩运营应用方案

公共领域 Public domain

适合社会车辆在公共停车场需要集中充电区域。可以选择交流充电桩、直流充电桩等作为充电设备，可配备充电运营平台和移动支付系统，即可满足充电场运营管理需求，也可方便客户对充电信息及时了解，同时支持4G/3G/2G、以太网、自组网等多种通讯方式便于运营终端监管控制。

● 公交领域 Public transportation sector



适合公交运营站点建桩。公交公司及客运集团进行新能源汽车改革，春宇智充新能源充电桩凭借国内领先的智能充电技术及强大的售后服务团队，为公交客运集团提供优质服务。公交车充电需要大功率支持，建议采用120kW 以上的充电桩，可快速充电保证运营效率。

● 出租领域 Rental sector



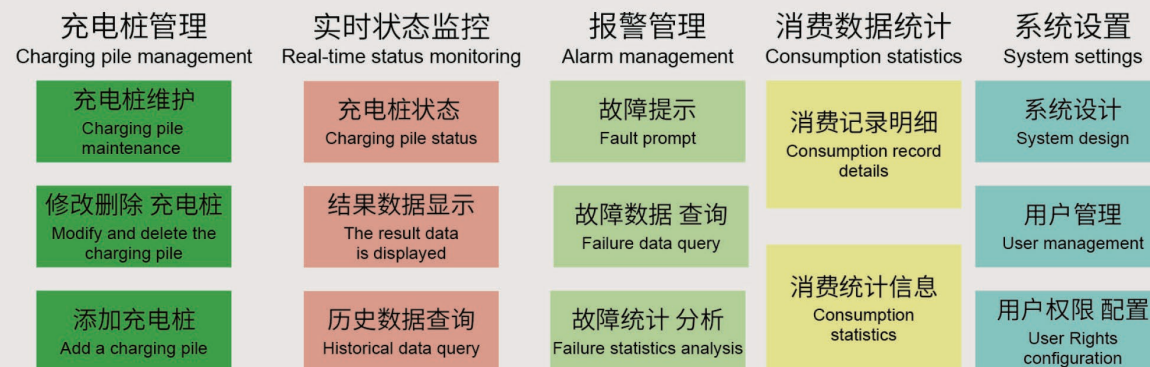
适合于出租电动车、共享电动汽车、滴滴电动汽车及各类小型运营轿车。可根据不同用户的需求，选择扫码充电，刷卡充电等多种支付方式。可实现无人值守，该领域具有不间断，长时间运行特点，建议采用直流桩配置方案，以快速补充电量满足车辆运行特点。

● 商城领域 Mall field

适合与居民社区及大型商业广场等充电需求强烈，集中车位较多的场合。可与社区及商业广场用电数据进行对接，削峰填谷合理调配车辆充电时间段，提高电力使用效率。可选择交流充电、直流充电、落地式充电、户外广告机直流充电桩。



充电设备监控系统 Charging equipment monitoring system



以太网 Ethernet

实时数据 Real-time data

历史数据库 History database(SQL Server)