

## Standard Series

# 60-480kW Integrated DC Fast Charger

The PINGALAX Standard Series integrated DC fast charger is based on in-house developed and produced charging modules and controllers. With optimal end-user experience in mind, the PINGALAX Standard Series adopts a three-cavity structure and digital current balancing technology to significantly improve reliability and operational efficiency. With PINGALAX's advanced AI digital platform, remote performance monitoring and intelligent O&M is made possible, providing the best charging system solutions for car owners, O&M personnel, and operation managers.



## ►► Reliability & Efficiency Oriented



### Smart Charging Control Algorithm

Digital current sharing and fast startup ensure efficient operation.



### Optimal Performance and Efficiency

In-house power module not only improves charging efficiency, ensuring a safer and more stable charging process, but also provides a full range of after-sales service guarantees, allowing for worry-free experience for users.



### Multi-layered Safety Mechanism

Built-in protection mechanisms, including 8-layer safety protection, automatic power-off when fully charged, one-button emergency stop, etc., can assist stations and users to promptly detect and handle abnormal situations during charging, ensuring safe charging process.



### Strict Quality Control

Strict release tests on all products, including salt spray test, electrical performance test, waterproof test, dustproof test, power off and plug test, radiation interference test, etc., to ensure the quality of chargers from the source.



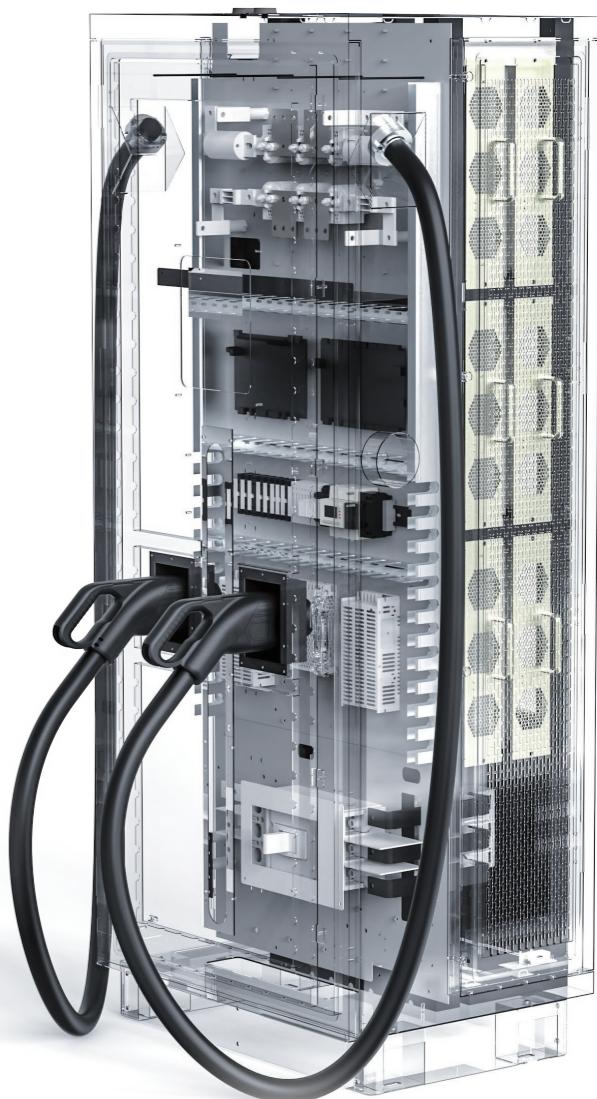
### OTA Upgrading

Cloud-based operations & management enables remote OTA upgrades, with lower operation and maintenance costs.



### Dual-Connector Charging

Supports simultaneous charging with two connectors, increasing equipment utilization.



## ►► Effortless Smart Charging Experience



### Highly-integrated Design

By integrating the interactive screen, charging system and network communication module into one, EV drivers can enjoy a seamless and hassle-free experience.

### User Centric Interface

The high-definition touch screen dynamically displays information such as charging methods, electricity price details, and charging status, enhancing user's experience.

### Futuristic Design Language

Streamlined design with LED light bar dynamically displays charging status.

## ►► Technical Parameters

### Standard Series DC EV Charger

PCDC-YZ4/YZ5

Product Information																		
Product Name	S60	S80	S120	S160	S240	S320	S400	S480										
Product Model	PDC0060S-CN PDC0060S-EU	PDC0080S-CN PDC0080S-EU	PDC0120S-P-CN PDC0120S-P-EU	PDC0160S-P-CN PDC0160S-P-EU	PDC0240S-P-CN PDC0240S-P-EU	PDC0320S-CN PDC0320S-EU	PDC0400S-CN PDC0400S-EU	PDC0480S-CN PDC0480S-EU										
Power Rating	60kW	80kW	120kW	160kW	240kW	320kW	400kW	480kW										
Dimensions (W × D × H)	700mm × 400mm × 1600mm		730mm × 550mm × 1800mm		800mm × 700mm × 1900mm													
Mounting Options	Pedestal Type																	
Efficiency	≥95%																	
Power Cooling	Forced-air-cooled																	
Charging Port	GB/T, CCS2 and Mixed Connector																	
Cable Length	5m																	
Input Characteristics																		
Input Voltage	GB: 3-phase 380VAC±15%, IEC: 3-phase 400VAC±10%																	
Input Frequency	50/60Hz																	
Power Factor	≥ 0.99(at loads above 50%)																	
Output Characteristics																		
Output Current	0~200A	0~250A	0~300A															
Output Voltage	200~1000VDC																	
Environmental																		
Operating Temperature	GB: -30~+55°C (Derated power output above 55°C), IEC: -30°C~50°C(full power) / 50°C~75°C (limit power)																	
Storage Temperature	-40°C~70°C																	
Operating Humidity	5~95%RH, non-condensing																	
Altitude	≤ 2000m																	
Noise	< 65dB																	
Ingress Protection	IP54																	
Standards and Certifications																		
Certification and Reports	CE (TÜV), CB, CNAS, CMA																	
Design Standards	IEC: EN 61851-1:2011, EN 61851-23:2014 GB: GB/T 20234, GB/T 18487, GB/T 27930, NB/T 33001, NB/T 33008																	
Safety Protection	Over Voltage, Under Voltage, Short Circuit, Over Current, Over Temperature, Ground Fault, Leakage Current, Lightning, Charging Connector Temperature Monitoring Protection																	
Interface																		
Authentication Methods	QR Code / RFID Card / VIN (Optional)																	
Display	7" Touch Screen	7"/15"Touch Screen	7"/15"Touch Screen															
Internet Connection	EtherNet / 4G / Wi-Fi																	
Communication Protocol	OCPP 1.6 / OCPP 2.0.1 / Other																	