



POWER SOLID

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DC FAST CHARGING STATION

PSDCC100KW2PGBC2KR

100 KW



THE CROWN OF POWER SOLUTIONS

Features

▶ **Easy installation:**

Integrated design makes it easy to be installed;

▶ **Wide Voltage Range:**

Output voltage range is DC200-1000V, suitable for all new energy vehicles on the market;

▶ **High Charging Efficiency:**

Max efficiency is up to 96%, improving the operation efficiency;

▶ **Human-computer Interaction:**

Information such as charging status, amount or fault can be clearly displayed, making it convenient for users to operate

▶ **Metering Accuracy:**

Measuring accuracy can meet Level 1.0;

▶ **Various Start-Up Methods:**

Card swiping, code scanning and Bluetooth can be used to start-up the device ;

▶ **Remote Upgrade Function:**

Support the functions of remote start/stop, remote upgrade and remote rate setting;

▶ **Hinged Design:**

The equipment is designed with hinged side doors, which is convenient for maintenance;

▶ **Active Protection Function:**

Real-time monitors BMS data abnormalities, battery overheating, battery reverse connection, battery overcharging, and other dynamic data, actively protecting and ensuring the safety of the battery;

▶ **Case Safety Protection:**

360°anti-collision design, automatic power-off when inclination exceeding 30°;

▶ **Various Communication Modes:**

With strong anti-interference ability, the charging and fault information can be uploaded via Ethernet or wireless 4G communication;

▶ **Modularized Design:**

Charging module adopts modular design. It's easy to be operated, expanded and maintained;

▶ **Intelligent Speed Regulation:**

Cooling fan can adjust the speed correspondingly according to the working temperature, reducing the noise and energy consumption;

▶ **Auxiliary Power Switch:**

Support 12V and 24V screen switching;

▶ **High and Low Voltage Isolation Design:**

High voltage and low voltage parts are isolated for safety protection and easy maintenance;

▶ **Energy Saving Design:**

In standby mode, the power of module is as low as 6W.

Technical Specifications

Model	PSDCC100KW2PGBC2KR
Output Power Rating	100KW
Output Voltage	200-1000V
Output Current	Up to 300A
Overall efficiency	≥95%
Number of Connector	2*CCS2 or 1*CCS2+1*GB/T
Earthing System	3P,N, PE
Input Voltage	3-phase 400V AC±20%
Input Frequency	45-65Hz
Harmonic distortion (THDi)	≤5%
Power Factor	≥0.99
LCD Display	7" color touch screen
Status indication	LCD/LED/APP
RFID Reader	MifareISO/IEC14443 A
Start Mode	RFID card/QR Code/APP
Emergency Stop	Yes
WiFi+Bluetooth	Yes
Ethernet/4G	Optional
OCPP	OCPP 1.6 Json
Power Measurement Accuracy	+/- 10%
IP Rating	IP54
Electrical Protection	Over voltage protection, under voltage protection, overload protection, short circuit protection, open circuit protection, leakage protection, grounding protection, over temperature protection, surge protection.
Work Temperature	-30°C~+50°C
Storage Temperature	-40°C~+50°C
Work Humidity	5%~95%
Work Altitude	<3000m
Cable Length	5M Standard, 6m/7m Optional
Dimension	800*500*1600mm(W*D*H)
Installation	Floor-standing
Software	OTA updates