



**POWER SOLID**

**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