

PEV-DS120/PEV-DS180



Features:

- Simultaneous charging
- Network or standalone operation
- Cable management (optional)
- Smart charging and load balancing
- 7" TFT-LCD screen
- Dual connectors
- OCPP 1.6 JSON (upgradeable to 2.0)
- Efficiency > 94%
- Customization Available
- PF > 0.99 (APFC)
- IK10 (not including screen and RFID module), IP55, NEMA 3R

Power Specification		
AC Input	Input Rating	3 Φ _480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	DS120: DC System: 3 Φ 194A DS180: DC System: 3 Φ 232A
	Frequency	50Hz/60Hz
	Power Factor	>0.99
	Efficiency	>94% (at optimize V/I point)
DC Output	Output Voltage Range	150~950Vdc
	Max. Output Current	DS120: 200A@600V DS180: 300A@600V
	Max. Output Power	DS120: 120 kW DS180: 180 kW
	Voltage Accuracy	±2%
	Current Accuracy	±2%
User Interface & Control		
User Authentication	RFID: Supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
Push Buttons	Operation Button/Emergency Stop Button	
Communication		
External	Ethernet, Wi-Fi & 4G	
Internal	CAN bus / RS485	
Environmental		
Operating Temperature	-30°C~50°C (-22°F ~ +122°F)	
Humidity	5%~95% RH, Non-Condensing	
Altitude	≤ 2000m (6562ft)	
IP/IK Level	NEMA 3R, IK10 (not including screen & RFID module)	
Cooling Method	Fan Cooling	
Mechanical		
Cabinet Dimension(W x D x H)	800mm x 650mm x 1900mm (31.50in x 25.59in x 74.80in) ±1%	
Weight	≤ 420kg (926lbs) ±1%	
Cable Length	4.5m (15ft)/Optional 7m (23ft)	
Protection		
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD	
Regulation		
Certification	UL 2202, UL2231, EnergyStar™	
Charging Interface	CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930	
Safety	NRTL – cETLus (USA/Canada)	