

## Product • •



## Features • •









- Complete protection and self-diagnosis. With protection against overcharge, overvoltage, etc., realizing self-diagnosis and fault display.
- User-friendly and convenient UI. Manage charging through LCD display +TP+LED+buttons.
- Excellent electrical properties. PFC+LLC soft switching technology with high conversion efficiency and high density of module power.
- Fast, safe and smart. With BMS CAN communication to realize smart management and ensure fast, stable, safe charging and long life.
- Wide output and input voltage range. Provide battery with stable and reliable charging under unstable power supply.
- **Modular design.** Hot-swap and modularized design simplify component maintenance and decrease MTTR (Mean Time To Repair).
- High quality. UL certified by TUV.

Model	APSP-80V150A-480UL	APSP-80V200A-480UL8
DC Output		
Rated Output Power	12kW	16kW
Rated Output Current	150A	200A
Output Voltage Range	30VDC~100VDC	
Current Adjustable Range	5A~150A	5A~200A
Ripple Wave	≤1%	
Efficiency	≥92%	
Stable Voltage Precision	<±0.5%	
Protection	Short ciruit, Overcurrent, Overvoltage, Reverse Connection and Over-Temperature Protection	
AC Input		
Rated Input Voltage Degree	Three-phase Four-wire 480VAC	
Input voltage range	384VAC~528VAC	
Input current range	≤20A	≤26A
Frequency	50Hz~60Hz	
Power factor	≥0.99	
Current distortion	≤5%	
Input Protection	Overvoltage, Under-voltage, Overcurrent and lack of phase Protection	
Working Environment		
Working Environment Temperature	-20°C~45°C work normoally	
	45°C~65°C reduce output	
	Over 65°C Shutdown	
Storage Temperature	-40°C~75°C	
Relative Humidity	0~95%	
Altitude	≤2000m Full load output, >2000m Use in accordance with the provisions of 5.11.2 in GB/T389.2-1993	
Product Safety and Reliability		
Insulation Strength	IN-OUT: 2200VDC IN-SHELL: 2200VD OUT-SHELL: 1700VDC	
Dimensions and Weight		
Outline Dimensions(mm)	800(H)x560(W)x430(D)	
Net Weight	64.5KG	
Protection Class	IP20	
Others		
Output Connector	REMA plug	
Heat Dissipation	Forced Air-cooling	

16