

## Product ● ● ●



## Features ● ● ●



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

Model	APSP-24V80A-220CE	APSP-24V100A-220CE
<b>DC Output</b>		
Rated Output Power	1.92kW	2.4kW
Rated Output Current	80A	100A
Output Voltage Range	16VDC~30VDC	
Current Adjustable Range	5A~80A	5A~100A
Ripple Wave	≤1%	
Efficiency	≥92%	
Stable Voltage Precision	≤±0.5%	
Protection	Short circuit, Overcurrent, Overvoltage, Reverse Connection and Over-Temperature Protection	
<b>AC Input</b>		
Rated Input Voltage Degree	Single-phase 220VAC	
Input voltage range	90VAC~256VAC	
Input current range	≤12A	≤15A
Frequency	50Hz~60Hz	
Power factor	≥0.99	
Current distortion	≤5%	
Input Protection	Overvoltage, Under-voltage, Overcurrent and lack of phase Protection	
<b>Working Environment</b>		
Working Environment Temperature	-20°C~45°C work normally	
	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	
<b>Product Safety and Reliability</b>		
Insulation Strength	IN-OUT: 2120VDC IN-SHELL: 2120VD OUT-SHELL: 2120VDC	
<b>Dimensions and Weight</b>		
Outline Dimensions(mm)	400(H)x213(W)x278(D)	
Net Weight	13.5KG	
Protection Class	IP20	
<b>Others</b>		
Output Connector	REMA plug	
Heat Dissipation	Forced Air-cooling	