

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 and UL certified by TUV.

| Model | APSP-48V100A-400CE | APSP-48V100A-480UL | APSP-48V150A-400CE |
|---------------------------------------|---|---|---|
| DC Output | | | |
| Rated Output Power | 4.8kW | 4.8kW | 7.2kW |
| Rated Output Current | 100A | 100A | 150A |
| Output Voltage Range | 30VDC~60VDC | 30VDC~65VDC | 30VDC~60VDC |
| Current Adjustable Range | 5A~100A | 5A~100A | 5A~150A |
| Ripple Wave | ≤1% | | |
| Efficiency | ≥92% | | |
| Stable Voltage Precision | ≤±0.5% | | |
| Protection | Short circuit, Overcurrent, Overvoltage, Reverse Connection and Over-Temperature Protection | | |
| AC Input | | | |
| Rated Input Voltage Degree | Three-phase Four-wire 400VAC | Three-phase Four-wire 480VAC | Three-phase Four-wire 400VAC |
| Input voltage range | 320VAC~460VAC | 384VAC~528VAC | 320VAC~460VAC |
| Input current range | ≤12A | ≤9A | ≤15A |
| 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 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 | | |
| Product Safety and Reliability | | | |
| Insulation Strength | IN-OUT: 2120VDC IN-SHELL: 2120VD OUT-SHELL: 2120VDC | IN-OUT: 2200VDC IN-SHELL: 2200VD OUT-SHELL: 1700VDC | IN-OUT: 2120VDC IN-SHELL: 2120VD OUT-SHELL: 2120VDC |
| Dimensions and Weight | | | |
| Outline Dimensions(mm) | 600(H)x560(W)x430(D) | | |
| Net Weight | 64.5KG | 55KG | 64.5KG |
| Protection Class | IP20 | | |
| Others | | | |
| Output Connector | REMA plug | | |
| Heat Dissipation | Forced Air-cooling | | |