



Modified Sine Wave Inverter **SP-48V** Series



Features

- Microcontroller Integrated
- LED Indicators for Inverter States
- Input & Output Fully Isolation
- Intelligent Temp & Load Cooling Fan
- Multi Pre-Alarm & Shutdown Alarm Protections: Battery Type Detection / Polarity Reverse / Low Voltage Short Circuit / Overheat / Overload
- Aluminum Housing
- 100% Made in Taiwan

Model	SP-600	SP-1000	SP-1200	SP-1500	SP-2000	SP-2500	SP-3000	SP-4000	SP-5000	
System										
Continuous Power	600W	1000W	1200W	1500W	2000W	2500W	3000W	4000W	5000W	
Surge Power	1500W	2400W	2800W	3000W	4000W	5000W	6000W	8000W	10000W	
Output Voltage	100/110/120 VAC; 220/230/240 VAC									
Output Waveform	Modified Sine Wave									
Standby Current (Normal)	< 0.3A	< 0.4A			< 0.7A					
Output Regulation	< ±5% Intelligent PWM									
Output Frequency	50/55/60 Hz Crystal Controlled									
Input Voltage	DC 48V: 40~60V									
Efficiency	> 85%									
Protection										
Input Type Auto-Detection	Yes									
Input Polarity Reverse	Fuse									
Input Low Voltage	< 42V±1.5V Pre-Alarm, < 40V±1.5V Shutdown & Alarm									
Short Circuit	Yes									
Overheat	> 60°C Pre-Alarm, > 65°C Shutdown & Alarm									
Overload	Pre-Alarm	> 620W	> 1050W	> 1200W	> 1500W	> 2000W	> 2500W	> 3000W	> 4000W	> 5000W
	Auto-off & Alarm	> 660W	> 1100W	> 1250W	> 1600W	> 2200W	> 2700W	> 3200W	> 4300W	> 5300W
Cooling	Intelligent Fan									
Mechanical										
Fuse	15A x 3PCS	10A x 6PCS	10A x 6PCS	10A x 8PCS	5A x 16PCS	10A x 16PCS	10A x 16PCS	10A x 24PCS	10A x 24PCS	
AC Outlets	EU: 1; USA: 2	2			EU: 2; USA: 3					
Dimension (L x W x H) mm	200 x 173 x 60	300 x 195 x 80		360 x 195 x 80	360 x 169 x 152			500 x 169 x 152		
Net Weight	2 kg	3.1 kg		3.5 kg	6.9 kg			10.4 kg	10.8 kg	
RC (Standard) Accessory	-	Yes								