

## ICPV EVO TWIN MPPT 6kW-48



- Dual output for smart load management
- Maximum PV input current 27A
- Customizable status LED ring with RGB lights
- Touchable button with large 4.3" colored LCD
- Built-in Wifi for mobile monitoring (Android/IOS App available)
- Data log event stored in the inverter
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Battery equalization extends lifecycle
- Enhanced charging power
- Built-in anti-dust kit

ICPV EVO TWIN MPPT 6KW-48		Code 24884E
Rated Power	6000 VA / 6000 W	
<b>INPUT</b>		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (for Personal Computers); 90-280 VAC (for Home Appliances)	
Frequency Range	50/60 Hz (Auto sensing)	
<b>OUTPUT</b>		
AC Voltage Regulation (Battery Mode)	230 VAC $\pm$ 10%	
Surge Power	12000 VA	
Efficiency (Peak)	90 ~ 93%	
Transfer Time	15 ms (for Personal Computers); 20 ms (for Home Appliances)	
Waveform	Pure sine wave	
<b>BATTERY</b>		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	63 VDC	
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Maximum PV Array Power	6000 W	
MPPT Range @ Operating Voltage	60 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Solar Charge Current	120 A	
Maximum AC Charge Current	100 A	
Maximum Charge Current	120 A	
<b>PHYSICAL</b>		
Dimensions DxWxH mm (")	119x313,6x457,5 (4.7x12.3x18)	
Net weight kg (lbs)	12 (26.4)	
<b>OPERATING ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	