

ICPV EVO TWIN MPPT 6kW-48



- Dual output for smart load management
- Maximum PV input current 27A
- Status indication with RGB lights
- Built-in Wifi for mobile monitoring (Android/IOS App available)
- Supports USB On-the-Go function
- Data log event stored in the inverter
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Selectable high power charging current
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on

ICPV MPPT 5KW-48	Code 24885G
Rated Power	8000 VA / 8000 W
Parallel Capability	Yes, up to 6 units
INPUT	
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)
OUTPUT	
AC Voltage Regulation (Battery Mode)	230 VAC \pm 5%
Surge Power	16000 VA
Efficiency (Peak)	93%
Transfer Time	10 ms (for Personal Computers); 20 ms (for Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Power	8000 W (4000 W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	120 A
Maximum Charge Current	120 A
PHYSICAL	
Dimensions DxWxH mm (")	147,4x432,5x553,6 (5.8x17x21.8)
Net weight kg (lbs)	18,4 (40.6)
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C