

## ICPV PWM 5kW-48

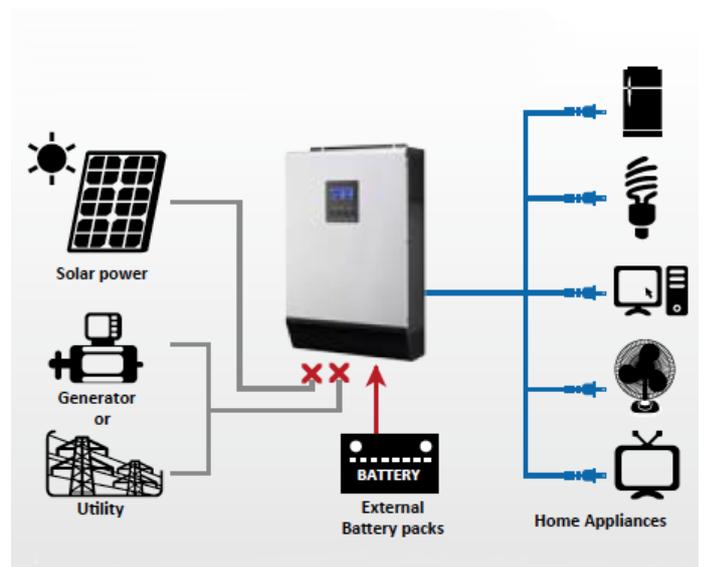
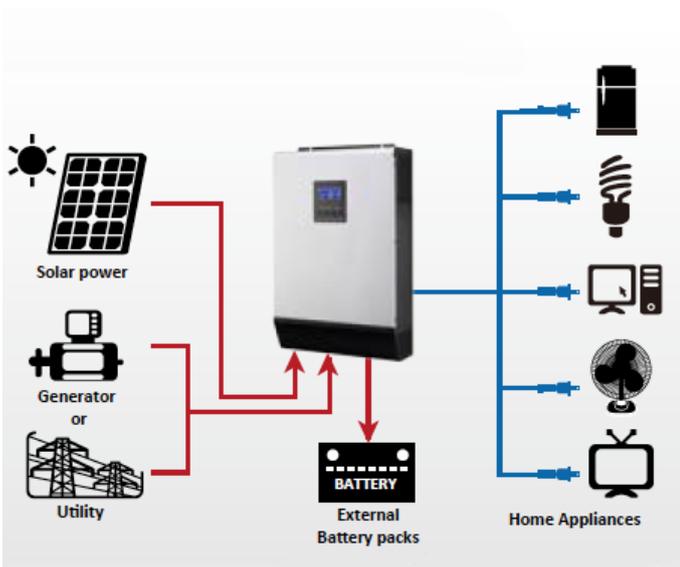


### Code 22848P

- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Parallel operator with up to 9 units
- Battery equalization to optimize battery performance and lifecycle
- Optional remote panel available

#### *Solar Power and AC Power available*

#### *Solar Power and AC Power not available*



## Technical Specifications

<b>ICPV PWM 5KW-48</b>	<b>Code 22848P</b>
Rated Power	5000 VA / 5000 W
Parallel Capability	Yes, up to 9 units
<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 $\pm$ 5%
Surge Power	10000 VA
Efficiency (Peak)	93%
Transfer Time	10 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 (Max: 58 VDC optional 64 VDC, please check with sales)
Overcharge Protection	60 VDC (optional 66 VDC, please check with sales)
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Open Circuit Voltage	90 VDC
Maximum PV Array Power	2400 W
Standby Power Consumption	5 W
Maximum Solar Charge Current	50 A
Maximum AC Charge Current	60 A
Maximum Charge Current	110 A
<b>PHYSICAL</b>	
Dimensions DxWxH mm ("")	155x295x455 (6.1x11.6x17.9)
Net weight kg (lbs)	9,8 (21.6)
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 60°C