



## SW Plus PV -Inverter Inverter cum Solar Charger

Noiseless  
Power Supply  
With 4 stage  
charger

### Operational Reliability»

A low-cost, robust AC power supply with a proven record in numerous and varying applications. The attractive, well crafted metal enclosure not only copes very well with rough and harsh conditions, its inherent shielding properties are of value when EMC and EMI become an issue, in certain applications. It is suitable for indoor use only. Both floor movable and wall mounted is available for customized application.



### Easy Output Termination»

The heavy-duty binding posts are good for easy termination. A through-hole in the shaft allows the easy feed-through of connecting wires, clamping it with a twist of the knurled and threaded plastic head.

The binding posts can accommodate a 8mm Terminal Block, together with the wire in the shaft.

### The power supply is a battery charger»

Apart from pv charging, The output voltage can precisely be adjusted to the value that keeps a standby-battery in a well charged, ready state. The maximal charge current will, in case of a fully discharged battery, not exceed the rated value of the power supply.

### Application»

Suitable for communication sector like GSM, WIMAX, Broad Band , heavy duty motor, refrigerators, PC, Laptop, Laser Printer and lighting load, clinical load etc. for noise free application.

### General Specifications»

Mains: 230VAC, AC-cord fixed, On-Off switch.

DC-termination: Heavy-duty binding posts or 2-way screw terminal.

Output: DC-voltage adjustable.

Fan speed load dependent, up to 6A convection cooled.

### Technical Specifications»

Model	PCM 500-1000	PCM 2000-3000
Rated Power(W)	500-1000W	2000-3000W
AC Voltage	165Vac---275Vac	
Frequency	50hz±3%	
AVR	Full AVR, 220v±10%	
Inversion Vol.	220v±3%	
Inversion Fre.	50hz±2%	
DC Input vol.(V)	12/24	24/48
Solar Charge Controller built-in	12/24V20A	24/48V30A
MPPT START UP VOLTAGE	6VDC	12VDC
Output waveform	Pure Sine Wave	
Output socket	As per required	
THD	≤3%	
Transfer time	≤4ms Automatic transfer	
Charging current	15Amp(Max.)	
Transfer efficiency	85%	90-96%
Protection	Short-circuit, Overload, over-temperature	
Communication interface	RS232, RJ45/11(optional)	
Operating temperature	0 - + 40	
Dimension/Weight(mm)	Customized	Customized
R/W/G.W(kg)	Customized	Customized
Model identification	1 <sup>st</sup> 2-digit impressed voltage, 2 <sup>nd</sup> 2-digit working wattages and PCM implies company name. PCM-4830 Means 48Vdc 3000Watt	

### Other Specifications»

- »Mains Voltage: 100...240VAC » IEC 3-Pin mains connector
- »DC-termination: 4-way screw terminal
- »GS, CE, AU Safety Certs »EMC/EMI Compliance Certs
- »Fan speed load dependent»Output: DC-PV voltage adjustable