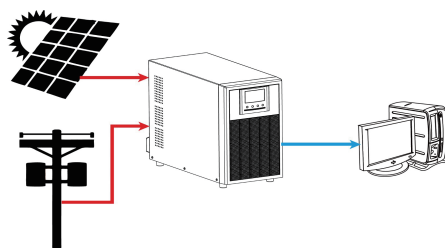


Solar Online UPS SOLAR UPS 5KW



Technical Features:

- Configurable AC/Solar input priority via LCD setting
- Parallel operation up to 9 units
- Common 48Vdc battery pack for the parallel system
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Technical Specifications:

MODEL	SOLAR UPS 5KW
MAXIMUM PV INPUT POWER	4000W
RATED OUTPUT POWER	5000VA/5000W
INPUT	
Voltage	230 VAC
Voltage Range	110-280 VAC
Frequency Range	50 Hz/60 Hz [Auto sensing] ± 4Hz
Power Factor	> 0.98 @ Nominal Voltage [100% Load]
THDi	< 10%
OUTPUT	
AC Voltage Regulation (Line&Batt. Mode)	230VAC ± 5%
Frequency Range (Synchronized Range)	46-54 Hz or 56-64 Hz
Frequency Range (Batt. Mode)	50 Hz
Harmonic Distortion	≅ 3 % THD (Linear Load); ≅ 5 % THD (Non-linear Load)
Transfer Time [AC Mode to Batt. Mode]	0ms
Transfer Time [Inverter to Bypass]	4 ms (Typical)
Waveform	Pure sine wave
EFFICIENCY	
Line Mode	93%
ECO Mode	99%
Battery Mode	90%
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Power	4000 W
MPPT Range @ Operating Voltage	60 ~ 115 VDC
Maximum PV Array Open Circuit Voltage	145 VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	60A
OPERATING ENVIRONMENT	
Dimension, D X W X H (mm)	465 x 190 x 336
Net Weight (kgs)	16
Communication Interface	RS232 & USB
PHYSICAL	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

* Product specifications are subject to change without further notice

