

## ADVICE ON 5000S UPS

### Features:

- True double-conversion 5KW online UPS
- Output power factor 1.0
- Built-in 80A MPP solar charger
- Configurable AC/Solar input priority via LCD setting
- Parallel operation up to 9 units (optional)
- Common 48Vdc battery pack for the parallel system
- Built-in 60A AC charge
- **2 year warranty for electronics and 1 year for battery**



### Specifications

MODEL	AON5000S
RATED OUTPUT POWER	5000VA/5000W
INPUT	
Voltage	230 VAC
Voltage Range	110-280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing) $\pm$ 4Hz
Power Factor	> 0.98 @ Nominal Voltage (100% Load)
THDi	< 10%
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Frequency Range (Synchronized Range)	46~54 Hz or 56~64 Hz
Frequency Range (Batt. Mode)	50 Hz
Harmonic Distortion	$\leq$ 3 % THD (Linear Load); $\leq$ 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
PHYSICAL	
Dimension, D X W X H (mm)	465 x 190 x 336
Net Weight (kgs)	16
Communication Interface	RS232 & USB
OPERATING ENVIRONMENT	
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