

AUNISOL Solar UPS Series



The AUNISOL Solar UPS Series is the ideal solution for home appliance, such as fan, tube light, TV, computer, printer, etc., where the Utility Power is not supplied stably. With pure sine wave output, true MPPT charger, intelligent charging, auto priority logic to charge from both Mains and Solar simultaneously, superior overload capability, longer backup time, it harvests 10% more solar energy than others.

Features :

- Pure Sine Wave Output
- High Efficiency & Longer Backup Time
- Intelligent Charger Ensuring More Battery Life
- 10% more Solar energy is harvested by using MPPT Solar Charger
- Auto Priority logic to charge from both Mains and Solar Simultaneously
- Auto Wakeup & No load Sleep
- Phase Reversal Protection
- Overload, Short Circuit Protection and Auto Recovery

Aunisol Solar UPS Series Technical Specifications

Model	Aunisol0.5	Aunisol1	Aunisol2
AC Input			
Voltage	150 - 275Vac		
Frequency	45 - 65Hz		
AC Output			
Max. Apparent Power	500VA	1000VA	2000VA
Max AC power	500W	1000W	2000W
Power Factor	>0.8		
Output Voltage	220Vac		
THD (Voltage)	<5%		
Frequency	50/ 60Hz \pm 1%		
Max. Inverter Output Current	5A	9A	14A
Overload in Bypass Mode	120% lasts for 180 seconds and 150% lasts for 3 seconds, then UPS shuts down		
Overload in Battery Mode	110% lasts for 60 seconds and 120% lasts for 30 seconds, then UPS shuts down		
Charger			
Max. PV Power	500W	1000W	2000W
Max. DC Voltage	55V	85V	120V
Max. Charge Current	40A		
Max Efficiency	96%		
Lead Battery			
Battery Voltage	12Vdc	24Vdc	48Vdc
Max. AC Charger	6A		
Max. Discharge Current	50A		
Recommended Capacity	300AH/12V x 1 pce	300AH/12V x 2pcs	300AH/12V x 4pcs
High Voltage Alarm	14.2V	28.4V	56.8V
Shut Down Voltage	14.6V	29.2V	58.4V
Low Voltage Alarm	11.0V	22.0V	44.0V
Shut Down Voltage	10.0V	20.0V	40.0V
Environnement			
Environmental Protection Degree	IP20		
Operating Temperature	0 °C --45 °C		
Noise Emission	<50 dB (1 meter from surface)		
Relative Humidity	0-90% (non-condensing)		
Altitude	<2000m		
Communication			
Communication Port (Optional)	RS232, USB or SNMP		
Physical			
Dimension (WxHxD)mm	144x 213 x413		
Net Weight(Kg)	11	13	18
Safety conformance			
Safety	CE		

Specification subject to change without prior notice

