

ON-LINE UPS WITH ISOLATION

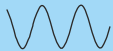
We are of the most reputed organization offering an array of Online UPS System. This range of systems is manufactured using superior-grade raw material and latest technology. Owing to this, our UPS systems are widely used in various households and offices. This range of systems is widely appreciated for outstanding performance, longer service life and long battery back up. We also pack the products with standard material for a safe transaction to the customers.

About Our R&D

We believe in innovation and excellence in latest technologies that is very important to run an industries successfully. The Friend Solar Powertek has established their own R&D department from the starting day's to design and develop new and innovative products with novel technologies to run a product efficiently on each aspects of technologies. DSP micro-controller is used to incorporate the smart and latest features along with robust protection in renewable energy and power backup products.



Ratings-1KVA TO 5KVA



Pure Sine Wave



Technology



Smart Charging



Thermal Protection



Noise less

Salient Features:

- Completely noiseless operation with pure sine wave output.
- Precise auto thermal management and protection.
- Fastest protection to make rugged and enhance product life.
- Intelligently controlled with smart PFC charger.
- Long backup with being a pure sine wave output.
- Very low maintenance and easy installation.
- All parts and components are genuine make.
- Dual display LCD & LED.

9Energy Solar Solutions

207-208 1st Floor, Chandan Park Street 4, Siraspur, New Delhi - 110042



info@9energysolar.com / 9energysolar@gmail.com



www.9energysolar.com



Toll Free : 1800 11 2454



ON-LINE UPS WITH ISOLATION

TECHNICAL DATASHEET

System Rating	1KVA , 2KVA , 3KVA, 5KVA
Battery voltage	48V DC
Rated Input voltage	UPS Mode Range: 170V ~ 260V
Rated Output Voltage on mains	Same as Input
Load Power Factor	0.8PF
Output Parameter	
Rated Output Voltage on UPS Mode	230V \pm 10V
Output Frequency on UPS Mode	50Hz \pm 0.1Hz
Output Waveform on UPS Mode	Pure Sine Wave
Overload	Above 110%
Short Circuit	>300% Load (Few msec.)
Voltage Limit UPS Mode	
Mains Low Cut	170V \pm 10V
Mains Low Cut Recovery	180V \pm 10V
Mains High Cut	260V \pm 10V
Mains High Cut Recover	250V \pm 10V
Protections	
Short Circuit, Battery Overvoltage, Battery Low voltage Battery Deep Discharge, Over Temperature (Auto Recovery)	
Alarm & Indication	
Over load, Low Battery, Over Temperature and Battery Over voltage.	
LCD Display	
16 X 2 LCD	Mains Voltage, Output Voltage, Battery Charging, Battery Charged, Solar Voltage, Solar Current and all Faults
LED Indications	
Mains On, Charging On, UPS On, Battery Low, Overload	
Battery Charging	
Mains Disconnect Voltage TUB. Mode	57.6V \pm 0.6V
Mains Reconnect Voltage TUB. Mode	47.2V \pm 0.6V
Mains Disconnect Voltage STD. Mode	56.0V \pm 0.6V
Mains Reconnect Voltage STD. Mode	47.2V \pm 0.6V
Battery Boost Voltage High Mode	57.6V \pm 0.6V
Battery Float Voltage High Mode	55.2V \pm 0.6V
Battery Boost Voltage STD. Mode	56.0V \pm 0.6V
Battery Float Voltage STD. Mode	53.6V \pm 0.6V
Charging Current	15A \pm 2A
Recommended Battery Capacity	100Ah- 200Ah
Number of Batteries	4
Charger	Power factor controlled Boost technology
Technology	
Digital Signal Processor (DSP) Based state of art design.	
Environment	
Storage Temperature	0-60°C
Operating Temperature	0-50°C
Humidity	90% Non-Condensing

Application : OFFICE. SCHOOL. COLLEGE. SHOPS.

