

Active



UPS 101

for Office | Schools & Colleges | Hospitals

High conversion efficiency

Saves approximately 35% - 40% of electricity bills using Intelligent Electronic Grid Compensation technique.

“Protects data, equipment & productivity” from power fail, low voltage and high voltage.

Applications

Smart class, PCs, Server, Photo copiers, Printers, Lights, OHP, Camera, Fans, TV, Inverter AC etc.

Range

5KVA - 4 batteries / 6KVA - 6 batteries
7KVA - 6 batteries / 10KVA - 10 batteries

★ Mains voltage conditioning

Extends the life of connected gadget by 35% in comparison to off-line UPS/inverters.

★ Zero-change-over-time

**Works like an Online UPS,
without double conversion losses.**



CAPACITY	5KVA	6KVA	7KVA	10KVA
DC BUS	48 / 72V	72V	72V	120VDC
INPUT				
Input Voltage	230V			
Input Voltage Window	160-270V			
Input Frequency	50Hz ± 10%			
OUTPUT				
Transfer Type	Mains to Inverter Inverter to Mains			
	Zero msec. Zero msec.			
Voltage on Inverter	230V ± 10%			
Power Factor	0.8 Lag			
Frequency on Inverter Mode	50Hz ± 1Hz			
Waveform on Inverter Mode	Pure Sinewave			
Over Load Capacity	100% Continuous- 125% - 1 Minutes			
Transient Response	Remains within +/- 5% & recover to normal within 20 msec			
Nominal Output Current	17.4 A	20.84 A	24.34 A	34.8 A
Mode of Operation	Designed for Continuous operation			
EFFICIENCY				
Efficiency on Inverter Mode	> 85%			
Charge Type	CVCC			
Charging Current Standard	1A-20A			
Higher Charging Current	Provided on Request			
Acoustic Noise level	<60db @ 1.5 meter			
Humidity	Up to 95% RH Non condensing			
Altitude	<3000 Feet above sea level (without derating)			
Ambient Temperature	0 to 40°C			
PHYSICAL				
Enclosure Protection	IP-20			
Cooling	Forced Air			
Cable Entry	Back side bottom			
Dimensions (D x H x W) & Weight	510x540x200mm / 45Kg	510x540x200mm / 45Kg	510x540x200mm / 50Kg	660x670x240mm / 62Kg
LED Indications	• Mains on • Charger on • Inverter on • Battery Low • Trip			
LCD Indications	• Input Voltage • Output Voltage • Battery Voltage • Load Current			
Protections	<ul style="list-style-type: none"> • Advanced Electronic Protection for device safety, backup with MCB's & fast acting fuses, high speed pulse by electronic device protection • Battery deep discharge • Over Voltage / Under Voltage Protection • Over Temperature Protection • Mains high & low cut • Short circuit Protection • High voltage transient protection & Electrostatic discharge protection 			
Features	Sinewave UPS with AVR for computer & Lighting Load			
Testing Standard	As per IEC 62040-3			

Protect Solar Charge Controller from direct Sunlight & Water.

Panel open circuit voltage should not to do be more than specified voltage

*Specification are subject to change without prior notice due to constant improvement in design & technology.

[Authorised Dealer](#)



VITRONICS CONTROLS PVT. LTD.
 S. No. 58/7A/1, Opp. Kheteshwar Ashram, Gokul Nagar,
 Katraj Kondhwa Road, Kondhwa Bk. Pune - 411 048, India
 Tel. : +91 20 2696 2548, 2696 1311, +91 9404731535
 Email: marketing@vitronicscontrols.com