



SEMICOSYS OFFLINE UPS & INVERTERS

from 1 to 60 kVA

Affordable and reliable protection for sensitive IT and electrical applications



new



SEMICOSYS Offline UPS/Inverters : are Rugged, Refined & Reliable, The UPS are Designed for General use to support varied loads lighting to computers and the Inverters are built for special Applications to handle equipment's with motor & compressors, the system is easy to operate by laymen & work efficiently In Indian residences & Office. These features makes SEMICOSYS Offline UPS and Inverters Popular throughout India fulfilling the needs of many homes & Businesses.

KEY FEATURES

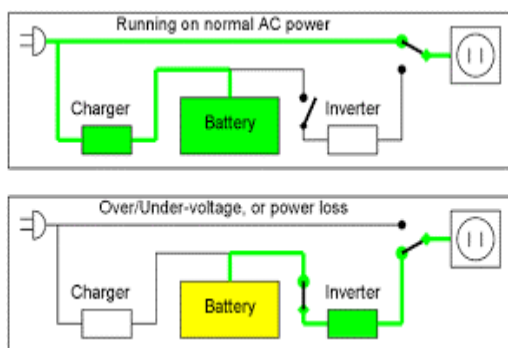
- DIGITAL SIGNAL PROCESSING (DSP) with Intelligence Sensors: Automatic System management.
- Sine wave Output with Advanced Protection Circuit: Clean Power for safe Operations.
- Liquid Crystal Display (LCD) With Digital Buzzer: Real Time status Information.

INVERTER APPLICATIONS

- Pump Systems (Water & Fuel) Motor Equipment's.
- Building Transportation Systems (Elevator, Lift, Escalator and Conveyor).
- HVAC SYSTEMs (Air-conditioning, Refrigerator & Freeze).

UPS APPLICATIONS

- Computer Systems (Desktops & Laptops) & Peripherals (MFP, Modern & Router).
- Home Entertainment System (TV, Media Player, Home Theater & Video Games).
- Lights (Incandescent fluorescence, HID & LED) Fans (Cooling & Exhaust).
- Compressor Load (Deep freezers, Scientific Instruments).



NOTE: Features & Specifications are subject to change due to continuous Improvement of Technology.

ONLINE/OFFLINE UPS | BATTERIES | INVERTERS | SOLAR UPS | SERVO STABILIZERS | AIR & Oil Cooled TRANSFORMERS

SEMICOSYS ELECTRONICS & IT PVT. LTD #867/A, 1ST FLOOR, ADITHYA COMPLEX, 2ND CROSS, GOKULA 1ST STAGE, MATHIKERE, BANGALORE -560054. TELEPHONE :080-41440555.
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Technical data

PRODUCT	SEMICOSYS OFFLINE UPS TECHNINCAL SPECIFICATIONS		
CAPACITY	0.6-7.5KVA	0.6-7.5KVA	10-60KVA
Technology	MOSFET-PWM	MOSFET/IGBT-PWM	
Input	Single Phase		Three Phase
Voltage &Frequency	230V AC ± 20% 50Hz ± 5%		415V AC ± 25% 50Hz ± 5%
Output	Single Phase		Three Phase
Voltage &Frequency	230V AC ± 1%	50Hz±1%	400V AC ± 1% 50Hz±1%
Waveform	Quasi Sinewave	Pure Sine Wave	
Power Factor	0.8		
Efficiency	80%		
Battery			
Type	External Tubular / Valve Regulated Lead-Acid		
Nominal Float Voltage	12/24/36/48/72V DC		192/240/360V DC
Recharge Time	8-12 hours		
Features			
Standard	Overload Reset & Front Panel - LCD Panel		
Optional	Spike & Surge Suppressor, Inverter Bypass & Software Control		
Protection			
Charger	Voltage & Current Limiter, Phase Sequence & Failure Protector Fuse /Circuit Breaker		
Inverter	Over Voltage & Current Cut-Off, Overload Cut-Off & Short Circuit Protector		
Battery	Battery Deep Discharge & Overcharge Cut-Off & HRC Fuse /Circuit Breaker		
Indication			
Visual	Mains, Charger, Inverter, Battery & Error Information Status		
Audible	Changeover, Overload, Battery Low & Other Error Alerts		
Environment			
Altitude	0-2000m		
Temperature	0-40°C		
Humidity	95% Non-Condensing		
Noise	< 60dB		

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