



SEMICOSYS ONLINE UPS

from 1 to 100 kVA

Affordable and reliable protection for sensitive IT and electrical applications



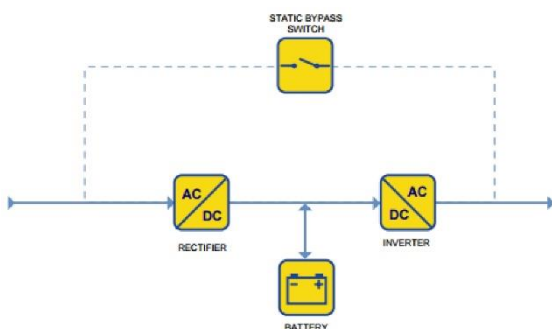
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SEMICOSYS Online UPS are Aesthetically built compact units with state of art technology, the system are designed to withstand harsh Indian power & Environment conditions, and are specially configured for mission critical Business critical and Industrial Applications. No Wonder, SEMICOSYS Online UPS are preferred by Government and Non-Governmental Organization. Local, regional, National and Multi-National Companies.

KEY FEATURES

- Galvanic Isolation Transformer:
Isolates Load from Power Problems.
- Active Power Factor Correction (PFC) System:
Saves up to 25% Electricity Bills.
- High Quality Components:
Lasts long with a minimal maintenance.



APPLICATIONS

- Computer Systems: Servers, Clusters & Workstations.
- Telecommunications, Networking, & Broadcasting Equipment's.
- Entertainment, Surveillance, & Security systems.
- Aerospace, Medical, Defense, Printing & Laboratory Research Equipment's.
- Industrial Process Control & Automation systems.

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.
Email : semicosys@gmail.com | Website : www.semicosys.com | Mob: +91-9980-283889

SEMICOSYS



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Technical data

PRODUCT	SEMICOSYS ONLINE UPS TECHNINCAL SPECIFICATIONS		
CAPACITY	1-7.5KVA	5-40KVA	5-100KVA
Technology	MOSFET-PWM	IGBT-PWM	
Input	Single Phase	Three Phase	
Voltage & Frequency	230V AC ± 20% 50Hz ± 5%	415V AC ± 25% 50Hz ± 5%	
Output	Single Phase	Single Phase	Three Phase
Voltage & Frequency	230V AC ± 1% 50Hz±1%	400V AC ± 1% 50Hz±1%	
Static Voltage Regulation	±6% for 50% Step Load change		
Dynamic Voltage Regulation	±1% Nominal for all variations of Line Load & ± 10% for 10-100% for Step Load Change		
Total Harmonic Distortion	Linear Load ≤ 2.5% & Non-Linear Load ≥ 5%		
Over Load	125% for 10 Minutes & 150% for 1Minute		
Crest Factor	1:4		
Waveform	Pure Sine Wave		
Power Factor	0.9		
Efficiency	90-92%		

Battery

Type	External Tubular / Valve Regulated Lead-Acid	
Nominal Float Voltage	48/72/120V DC	120/192/240/360V 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		

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