



600VA • 800VA • 1KVA • 1.25KVA • 1.5KVA • 2KVA • 2.5KVA • 3KVA



Features

- LED Display screen provides real-time updates of operational status, power usage, battery run time and other critical operational parameters
- Battery Management (BM) technology prolong battery service life
- Buck/ Boost voltage regulation with pure sine wave output
- Network Transient Protector isolates networks, modems and cables from surges and spikes
- User-swappable batteries simplify service
- Protects critical applications from downtime, data loss and corruption, and process interruption by providing continuous, regulated clean power
- Secures connected equipment from damage or degradation caused by power quality anomalies
- Simple installation and operation
- Extended run time capability with external battery modules
- Inclusive of power management software to ensure data integrity
- SNMP / Web browser Connectivity Slot
- USB Port option
- RS 232 - serial interface
- Full connectivity option
- External Charger, Option

Suggested Application

Network Stations; UNIX Workstations;
 CAD/CAM/CAE Workstations; Departmental Servers;
 Desktop Servers; Small Business Servers; PCs

Other Power Protection and Service Options



Switchgear



Energy Storage



Dual Bus
Static Switch



Service & Monitoring

TAMCO SYSTEMS

TECHNICAL SPECIFICATIONS

INPUT								
Capacity (VA)	600	800	1000	1250	1500	2000	2500	3000
Voltage (V)	100, 110, 120, 220, 230, 240, +/-25% Single phase							
Frequency (Hz)	50 or 60, +/-5% (auto sensing)							
OUTPUT								
Voltage (on battery)	Pure sine wave output at nominal +/-5%							
Frequency (on battery)	50 or 60Hz +/-0.5%							
Voltage Regulation AVR	AVR automatically increase output voltage 15% above input voltage if -9% to-25% of nominal. AVR decrease output voltage 15% below input voltage if +9% to +25% of nominal							
PROTECTION AND FILTERING								
Spike Protection	320 Joules, 2ms							
Unit Input	Fuse for overload & short circuit protection							
EMI/RFI filter	10dB at 0.15MHz, 50dB at 30MHz							
Overload Protection	UPS automatic shutdown if overload exceeds 110% of nominal at 20s and 125% at 2s							
Transfer Time	2 - 4 milliseconds, including detection time							
Short Circuit	UPS output cut off immediately or input fuse protection							
BATTERY								
Type	Hot swappable, Sealed, Maintenance-free lead acid							
Typical Recharge Time	4 hours (to 90% of full capacity)							
Protection	Automatic self-test & discharge protection, Replace battery indicator							
Supplied Battery Pack	Internal						External	
Back-Up Time	10-30 minutes (depending on computer load)							
PHYSICAL								
Net Weight (KG)	13.8	14.5	15	15.8	25	30	32	21
Dimension (WxDxH) mm	140 x 445 x 200				170 x 450 x 215		170 x 450 x 226	
Input Inlet	IEC 320 power inlet							
Receptacles	IEC 320 female appliance coupler (230V)							
ALARM								
Battery Back-Up	Slow beeping sound (about 0.25Hz)							
Battery Low	Rapid beeping sound (about 1.00Hz)							
Overload	Continue beeping sound							
INTERFACE								
RS-232 Interface	Bi-directional communication port							
APPROVALS								
Safety	UL, FCC, C-UL (CSA), BSMI, CE, GS/TUV							
Surge	Meet IEEE 587 standard							
ENVIRONMENTAL								
Operation	Elevation: 6,000m max, Humidity: < 95% (without condensation formation), Temperature: 0-40 ° C							
Audible noise (dBA)	< 45 (1 meter from surface)							

Specifications subject to change without notice

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