

**net Rackmount**

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



## Features

- 2U rack height conserves valuable rack space
- 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
- High instantaneous overload capability
- Full connectivity option
- External Charger Option

# TAMCO SYSTEMS

### 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 &amp; Monitoring

# 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 60 Hz +/-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 overhead 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							
Back - up Time	10 - 30 minutes (depending on computer load)							
PHYSICAL								
Net Weight (KG)	15.7	18	18	23.5	26.1	28.4	35.5	40.7
Dimension (WxDxH) mm	483x425x84				550x428x84		620x428x84	
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							
SAFETY								
Safety approvals	UL, C-UL (CSA)-UL 1778, CE/LVD, GS/TUV-EN50091 & EN60950							
EMC verifications	CISPER 22 Class B verified (FCC,BSMI,CE/EMC)							
Electromagnetic immunity	IEC-801-2 level IV, 801-3 level III, 801-4 level IV							
Surge	Meet IEEE 587 standard							
ENVIRONMENT								
Operating Temperature ( ° C )	0 to +40							
Storage Temperature ( ° C )	-15 to +45							
Relative Humidity	< 95%, non-condensing							
Operating Elevation	0 to +3000m							
Storage Elevation	0 to +15000m							
Audible Noise (dBA)	< 45 (1 meter from surface)							

Specifications subject to change without notice

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