

plus

700VA • 1KVA • 1.5KVA • 2KVA • 3KVA

Tower and Rack-mount Option



Features

- True online double conversion technology provides full protection from all power problems
- Protects mission 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
- LCD Display screen provides real-time updates of operational status, power usage, battery run time and other critical operational parameters
- User-swappable batteries
- 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
- Load Priority Selection
- High instantaneous overload capability
- Full connectivity option
- Maintenance By-pass Option
- Output Isolation Transformers 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

Nominal Output Power (VA)	700	1000	1500	2000	3000
Nominal Output Power (W)	490	700	1050	1400	2100
Systems Topology	On-line, double conversion topology with automatic bypass				
INPUT					
Bypass Voltage	184-265 VAC (user selectable), Single phase with ground				
Input Voltage range	120/140/160 VAC-276 VAC, Single phase with ground				
Frequency	50/60 Hz. Auto selection				
Frequency window from mains	45 - 65 Hz				
Synchronization window	± 3Hz.				
Input Power factor	> 0.97				
OUTPUT					
Output Voltage	208/220/230/240 VAC, selectable from LCD panel				
Voltage regulation	± 2%				
Voltage distortion	< 5% THD at full non-linear load, < 3% THD at full linear load				
Frequency regulation	± 0.25 Hz (battery or free running mode)				
Dynamic response	± 9% max from 100% to 20% or from 20% to 100% linear load				
Overload capacity	100-125% 1 min, 125-150% 10 sec				
Efficiency	> 86%				
BATTERY AND CONNECTION					
Input Connection	IEC 320 (10A)			IEC 320 (16A)	
Output Connection	4 x IEC 320 (10A)			8 x IEC 320 (10A) 1 x IEC 320 (16A)	
Battery type	7.2Ah/12V; 7Ah/6V for 1U model		9Ah/12V	7.2Ah/12V	9Ah/12V
Number of batteries	2 4 for 1U model	3 4 for 1U model	3	6	6
Backup time/full load (min)	5 4 for 1U model	6 4 for 1U model	5	6	5
Recharge time	< 4 hours to 90%				
TOWER VERSION					
Dimensions (WxDxH) mm	152x420x238			225x425x360	
Weight (KG)	13.5	16.2	17	31.6	33
RACK-MOUNT VERSION					
Dimensions (WxDxH) mm	428x425x84 (2U) 428x425x44 (1U)		428x425x84 (2U)	428x610x84 (2U)	
Weight (KG)	14.6(2U) / 15.5(1U)	17.3(2U) / 15.5 (1U)	18.1	31.6	33
ENVIRONMENTAL					
Temperature (° C)	+0 to +40, Recommended +15 to +25				
Storage temperature (° C)	-15 to +50				
Cooling	Forced air-cooling				
Humidity	< 95%, non-condensing				
Audible noise (dBA)	< 45 normal and battery mode (700-1000 VA)				
STANDARDS					
Safety	EN50091-1-1				
Emissions	EN50091-2 class B				
Immunity	EN50091-2				

Specifications subject to change without notice

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