

plus

5KVA • 6KVA • 8KVA • 10KVA • 12KVA • 15KVA
Single/three phase (in) - Single phase (out)



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
- 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
- Maintenance By-pass Option
- Output Isolation Transformers 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 & Monitoring

TECHNICAL SPECIFICATIONS

Nominal Output Power (VA)	5000	6000	8000	10000	12000	15000
Nominal Output Power (W)	3500	4200	5600	7000	8400	10500
Systems Topology	On-line, double conversion topology with automatic bypass					
INPUT						
Phase	Single phase three wires or three phases five wires (8-15KVA)					
Bypass Voltage	184-265 VAC (user selectable)					
Input Voltage range	120/140//160/180 VAC-276 VAC					
Frequency	50/60 Hz. Auto selection					
Frequency window from mains	45-65 Hz					
Synchronization window	± 3Hz					
Input current (Single Phase input)	19.2A	23A	30.7A	38.3A	46A	N.A
Input current (Three Phase input)	N.A	N.A	17.7A	22.1A	26.5A	33A
Input Power factor	≥ 0.98 (1ph,3W), ≥ 0.95 (3ph,5W)					
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	> 88%					
BATTERY AND CONNECTION						
Connection Input	Hardwired					
Connection Output	Hardwired					
Battery type	7.2Ah/12V		9Ah/12V	5Ah/12V	8.5Ah/12V	
Number of batteries	20	20	20	20	40	40
Backup time/full load (min)	7	6	5	6	6	7
Recharge time	< 8 hours to 90%					
Dimensions (WxDxH) mm w/o Isolation tx	280x580x570		257x690x700		760x340x1160	
Dimensions (WxDxH) mm w/ Isolation tx	257x590x700		342x690x700		760x340x1160	
Weight (KG) w/o Isolation tx	86	86	112	112	134	250
Weight (KG) w/ Isolation tx	123	123	178	178	200	298.8
ENVIRONMENTAL						
Ambient 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)	< 55 normal and battery mode (5000-6000VA); < 65 normal and battery mode (8000-15000VA)					
STANDARDS						
Safety	EN50091-1-1					
Emissions	EN50091-2					
Immunity	EN50091-2					

Specifications subject to change without notice

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