



Server Pro

TOWER SERIES 6-10KVA
True Online UPS
High output power factor 0.9

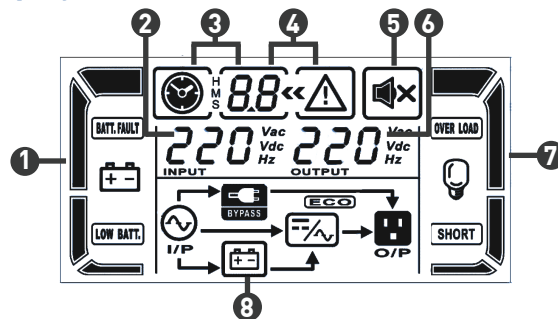
Highlights

- True on-line double conversion design UPS
- 100% digitized microprocessor controlled
- Output power factor 0.9
- Wide input voltage range 110-300Vac
- 50/60 Hz frequency converter mode
- MIMIC LCD for real-time UPS status display
- Auto self-testing system while turning on UPS
- ECO mode operation for energy saving
- Emergency power off (EPO) function
- Programmable power management outlets
- Selectable output voltage via LCD panel
- Cold start function
- Smart battery charger design to optimize battery performance
- Battery charger with temperature compensation technology
- Short circuit protection
- Lightning and surge protection
- Built-in USB and RS-232 communications port for management software
- Generator compatible
- Optional external maintenance bypass switch
- Optional compatible with SNMP protocol



Server Pro is specifically designed for operation in poor areas. They provide high power density with long backup time in compact size. It's ideal for ATMs, banking and other business critical applications. Users also can adjust charging current from 1A to 6A according to different applications.

LCD Display Panel



- | | |
|--------------------------------|---------------------------------|
| 1 Battery Info | 5 Mute Operation |
| 2 Input & Battery Voltage Info | 6 Output & Battery Voltage Info |
| 3 Remaining Backup Time | 7 Load Info |
| 4 Fault Info | 8 Mode Operation Info |

Server Pro

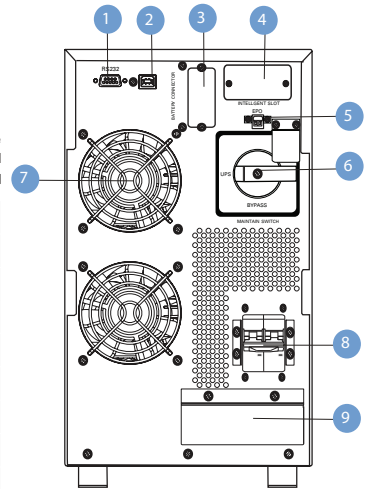
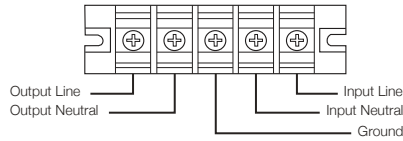
TOWER SERIES 1-3KVA

Output power factor 0.9

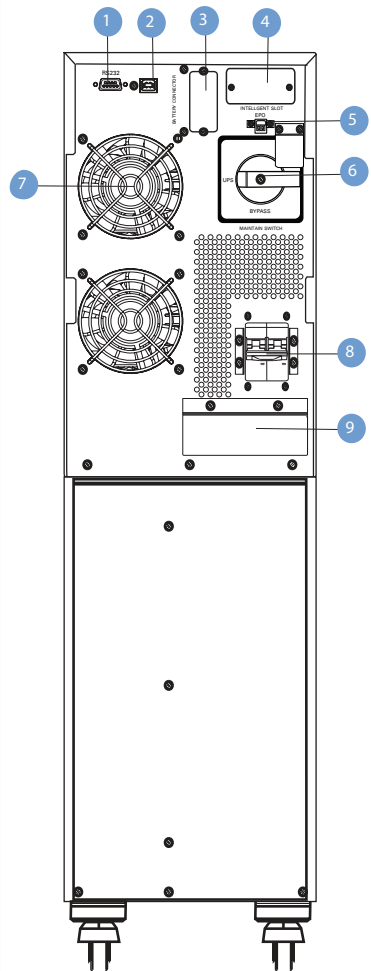
Rear panel view

- | | |
|-------------------------------|------------------------------|
| 1. RS-232 communication port | 6. Maintenance bypass switch |
| 2. USB communication port | 7. Cooling fan |
| 3. External battery connector | 8. Input circuit breaker |
| 4. SNMP intelligent slot | 9. Input/Output terminal |
| 5. Emergency power off(EPO) | |

9. Input/Output Terminal



Long backup time 6-10kVA



Standard 6-10kVA

MODEL		Server Pro 6KVA		Server Pro 10KVA	
PHASE		Single phase with ground			
CAPACITY	VA/W	6KVA/5.4KW		10KVA/9KW	
INPUT					
Nominal Voltage		220Vac(208/220/230/240VAC : selectable)			
Voltage Range		110-300 VAC(Based on load at 50%), 176-300 VAC (Base on load at 100%)			
Frequency Range		46Hz ~ 54Hz or 56Hz ~ 64Hz			
Power Factor		≥ 0.99 @ Nominal Voltage (100% Load)			
OUTPUT					
Output Voltage		220Vac(208/220/230/240VAC : selectable)			
AC Voltage Regulation (Batt. Mode)		± 1%			
Frequency Range (Synchronized Range)		46Hz ~ 54Hz or 56Hz ~ 64Hz			
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.1Hz			
Current Crest Ratio		3:1			
Harmonic Distortion (Line Mode)		≤ 3 % THD (Linear Load) ; ≤ 5 % THD (Non-linear load)			
Transfer Time	Line mode to Battery mode	Zero			
	Inverter to Bypass	Zero			
Waveform (Batt. Mode)		Pure Sinewave			
EFFICIENCY					
AC Mode		92%		93%	
Battery Mode		90%		91%	
BATTERY					
Battery Type		12V / 7.2 AH or 12 V / 9 AH			
Numbers		16	20	16	20
Typical Recharge Time		4 hours recovery to 90% capacity			
Charging Current (max.)		1.0 A / 2.0 A			
Charging Voltage		218 VDC ± 1%	273 VDC ± 1%	218 VDC ± 1%	273 VDC ± 1%
INDICATORS					
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator			
ALARM					
Battery Mode		Sounding every 4 seconds			
Low Battery		Sounding every second			
Overload		Sounding twice every second			
Fault		Continuously sounding			
PHYSICAL					
Dimension, D x W x H (mm)		369 x 190 x 688		422 x 190 x 688	
Net Weight (kgs)		64	74	66	76
ENVIRONMENT					
Humidity		20-90 % RH @ 0- 40°C (Non-condensing)			
Noise Level		Less than 50dBA @ 1 Meter			
MANAGEMENT					
Smart RS-232 / USB		Supports Windows ² 2000/2003/XP/Vista/2008, Windows ² 7/8, Linux, Unix, and MAC			
Optional SNMP		Power management from SNMP manager and web browser			



- All specifications subject to change without
- Custom-made specifications are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, OHSAS 18001, ROHS, STANDARD