

bcn®

www.bcn-ups.com

TOWER SERIES

TELECOM-
MUNICATIONS
DEVICESLOCAL AREA
NETWORKS
(LAN)E-BUSINESS
(Servers Farms,
ISP/ASP/POP)

SERVERS

CASH
REGISTERSEMERGENCY
SECURITY

SERVER PRO

6KVA - 10KVA**True Online UPS**

Output power factor 0.9 or 1 (Option)

Highlights

- True on-line double conversion design UPS
- 100% digitized microprocessor controlled
- Output power factor 0.9 or 1 (Option)*
- 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
- 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



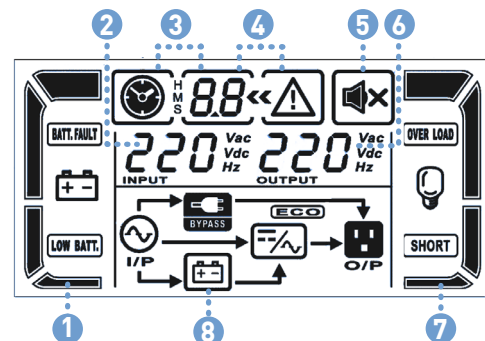
TIS.1291 Part 1-2553
TIS.1291 Part 2-2553
TIS.1291 Part 3-2555



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



Your choice of power protection

* PF 1 (Option)

SERVER PRO

6KVA - 10KVA

Output power factor 0.9 or 1 (Option)

www.bcn-ups.com



TELECOM-
MUNICATIONS
DEVICES



LOCAL AREA
NETWORKS
(LAN)



E-BUSINESS
(Servers Farms,
ISP/ASP/POP)



SERVERS



CASH
REGISTERS

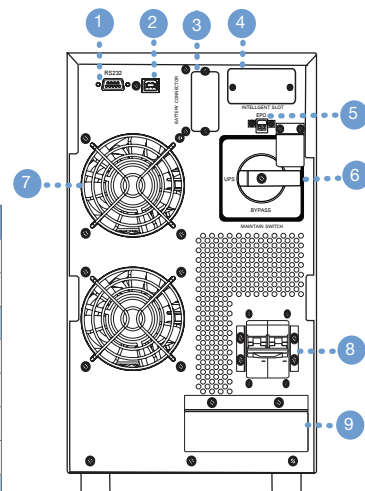
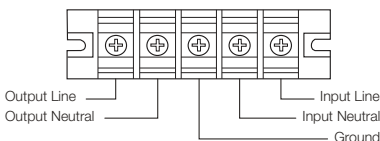


EMERGENCY
SECURITY

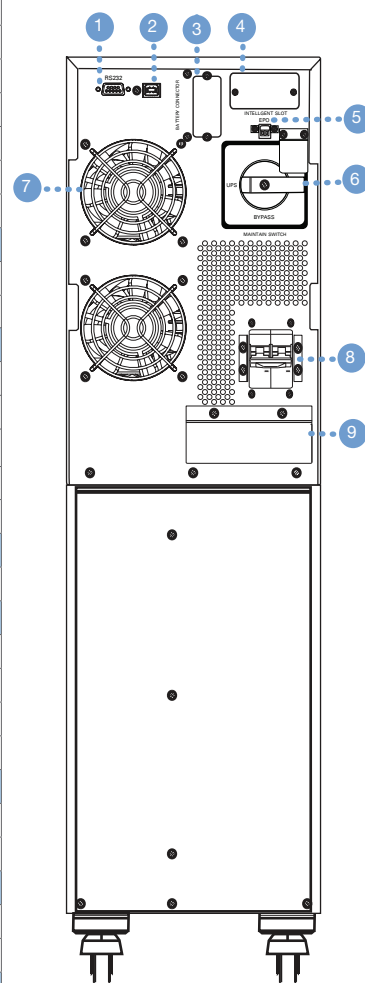
Rear panel view

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

9 Input/Output Terminal



Long backup time 6-10kVA



Standard 6-10kVA

MODEL		Server Pro 6KVA		Server Pro 10KVA	
CAPACITY	VA	6KVA		10KVA	
	Watts	5.4KW or 6KW (Option)		9KW or 10KW (Option)	
INPUT					
Nominal Voltage		220Vac(208/220/230/240VAC : selectable)			
Voltage Range		110-300 VAC(Based on load at 50%), 176-300 VAC (Based 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, W x D x H (mm)		190 x 369 x 688	190 x 422 x 688		
Net Weight (kgs)		61	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 notice.
- Custom-made specifications are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, OHSAS 18001, CE, STANDARD