Commander Tower

features

- Highest surge rating - 1558 Joules / 40,000 Amps of surge protection

- Works for gates, camera surveillance, computers, telephone systems, servers, and other sensitive electronic equipment.

- Intelligent Real Time Battery backup display

- Smart 5% AVR with 2 step buck and boost

- Pure sine wave line interactive

- Intelligent double stage charger control which translates to a faster recharge rate

- Generator compatible

Designed to ensure clean power and reliable operation of all kinds of IT devices in the network system. The Commander protects your equipment against power failures, power sags, power surges, under voltage and over voltage that can harm your equipment or result in corrupted data. The pure sine wave output on battery backup is best for server and motor applications.

The Commander provides a cost effective and high level of protection for sensitive electronic devices. It also offers options for graceful shutdown of valuable IT equipment.

It comes with the highest surge rating of any standard UPS with 1558 Joules and 40,000 Amp surge protection. The narrow output voltage variance of 5% ensures that sensitive equipment is subjected to only small voltage inconsistencies. The LCD display gives the user the ability to see voltages in/out, frequency in/out as well as temperature, load and battery voltage. In addition, these UPSs have Real Time Battery Management which tells how many minutes backup the user has when the power goes off.

applications include:
- network devices
- servers
- small networks
- PLCs
- Automatic Gates and Doors

THE AUSTRALIAN UPS COMPANY

COMMANDER TOWER		
Model	**PSC1000**	**PSC2000**
Capacity	1000VA/700W	2000VA/1400W
Topology	Line Interactive, Pure Sine Wave	
INPUT		
Input Voltage range	180 - 300Vac	
Frequency	47Hz - 65Hz, 50/60Hz Auto-sensing	
OUTPUT		
Output Voltage	240 +/- 5% (2 step buck and boost)	
Output Voltage regulation	Nominal Voltage +/- 5% or (Optional +/-8% AVR for wide input up to 35%)	
Output Voltage selectable	200Vac or 220Vac or 230Vac or 240Vac	
Frequency	47 - 55Hz for 50Hz nominal, 56Hz - 65Hz for 60Hz nominal or (battery mode 50Hz +/- 1%)	
Wave Form - AC Mode	Pure sine Wave	
Wave Form - Batt. Mode	Pure sine Wave	
Transfer time	<3ms	
Load crest Factor	3:1	
Australian sockets	2	
10Amp IEC outlets	3	
BATTERY		
Battery type	Sealed maintenance free lead acid batteries (12V*7.2AH)	
Number of batteries	2	4
Charger	Smart CPU controls over current, over voltage, thermal protection and battery condition	
Recharge time	Less than 3 hours to 90% (smart two mode pulse charging)	
Typical backup	Half load 14 minutes, full load 5 minutes	
PROTECTION		
Input surge Protection	1581 Joules /40,000 Amps	
Short circuit	AC Fuse	
Telephone / Modem / Lan	RJ45, Full time telephone, modem or LAN protection. C-tic, A-tick	
COMMUNICATIONS & MANAGEMENT		
Interface	USB & RS232 as Standard, Intelligent slot for SNMP or AS400 dry contact	
Software	PowerShield UPsilon 2000 compatible with Windows, Linux, Novell & Unix	
LCD display	Sophisticated LCD- Input Voltage, Output Voltage, Frequency, Load, Battery Status, Smart Remaining Backup Time	
Audible alarm	Alarm- On Battery, Overload, Short Circuit, Over Temperature, Faulty Battery, Abnormal Operation	
PHYSICAL		
Dimensions (D x W x H)	(380 x 200 x 180)mm	(510 x 200 x 180)mm
Weight (Net/Gross)	(15kg/16kg)	(26kg/26kg)
OPERATING ENVIRONMENT		
Temperature	0 - 40°C	
Humidity	0 - 95% (RH Non-condesing)	
Noise Level	Less than 40dB	
COMPLIANCE		
Safety	EN 50091-1-1	
EMC	Class B, EN 50091-2, FCC part 15, IEC1000-2-2, C-tick (Full time EMI-RFI filtering)	
RoHS	Directive 2011/65/EU	

* Specifications are subject mto change without prior notice.

PSC1000
PSC2000

Power Shield®