



Commander Tower



features

- Works for gates, camera surveillance, computers, telephone systems, servers, and other sensitive electronic equipment.
- Best specifications in its class
- 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
- Highest surge rating - 1558 joules of surge protection

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 offers features needed for cost effective network protection and comes with the proven reliability users have come to expect from PowerShield. As well as a reliable shutdown solution, the Commander extends runtime capacity, has enhanced connectivity options to manage as well as monitor the UPS remotely.

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. This is calculated by looking at battery voltage, temperature and condition of the batteries and the size of the load to be protected

applications include:

- network devices
- servers
- small networks
- PLCs
- Automatic Gates and Doors



THE AUSTRALIAN UPS COMPANY



COMMANDER TOWER	PSC1000	PSC1500	PSC2000	PSC3000	PSC5000
	Commander 1000	Commander 1500	Commander 2000	Commander 3000	Commander 5000
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 - Battery Mode	Pure Sine Wave				
Transfer Time	<3ms				
Load Crest Factor	3:1				
Australian sockets	2	2	2	2	0
10A IEC outlets	3	3	3	3	10
15A IEC outlets	0	0	0	0	2
BATTERY					
Battery Type	Sealed maintenance free lead acid batteries (12V*7.2AH)				
Number of Batteries	2	3	4	6	12
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	1581Joules/40,000Amps				
Short Circuit	1000VA, 1500VA, 2000VA Fuse			3000VA, 5000VA resetable over current protector	
Safety	EN 50091-1-1				
Noise Filtering	Class B, EN 50091-2, FCC part 15, IEC1000-2-2, C-Tick (Full time EMI-RFI filtering)				
Telephone / Modem / LAN	RJ45, Full time telephone, modem or LAN protection. C-tick, A-tick				
COMMS & MANAGEMENT					
Software	PowerShield UPSilon 2000 compatible with Windows, Linux, Novell & Unix				
Ports	USB & RS232 as standard (Optional - DB9)				
SNMP	Optional				
AS400 Dry contact	Optional				
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				
CHARACTERISTICS					
Audible Noise	< 40dB				
Temperature	0 - 40°C				
Humidity	0 - 95% (non-condensing)				
Weight (Net/Gross)	15/16	21/22	26/26	36/37	68/75
Dimensions D x W x H	380 x 200 x 180mm	400 x 200 x 180mm	510 x 200 x 180mm	510x 200 x 180 mm	435 x 177 x 500mm

Specifications are subject to change without prior notice.



PSC1000,1500 and 2000



PSC3000



PSC5000

