PowerShield®

With pure sine wave output, the Commander Rackmount / Tower provides compatibility for all kinds of loads. It offers power protection for applications such as networking, telecom, security and motors to name a few.

The Advanced ECO mode function allows cost-effective operation of the UPS with an efficiency as high as 98%. With features such as 2RU, hot swappable batteries, highest surge rating in its class, and combination of Australian and IEC outlets, this sophisticated line interactive pure sine wave UPS is in a class of its own.

To provide longer backup time the 2kVA and 3kVA models are expandable to include an additional battery bank.

Optional Accessories
- PSSNMP - SNMP card (option to connect a PSEMD)
- PSEMD - Environmental Monitoring Device for temperature and humidity
- PSModbus - Modbus card
- PSAS400 - AS400 dry contact card
- PSRK - 1RU rail kit
- PSRTBB8, PSRTBB12 - Extra battery bank
- PSMBS2k, PSMBS3k- Maintenance Bypass Switch

Commander RT

features

- Surge Protection, best in its class
- Pure sine wave output
- Rack/Tower design
- Microprocessor-based line interactive design
- Built-in buck and boost AVR
- Output power factor 0.8
- Programmable power management outlets
- Advanced ECO operation mode for energy saving
- EPO - Emergency Power Off Function
- Hot-swappable battery design
- Multiple communication options available

THE AUSTRALIAN UPS COMAPANY

	COMMANDER RT			BATTERY BANKS	
Model	PSCRT1100	PSCRT2000	PSCRT3000	PSRTBB8	PSRTBB12
Capacity	1100VA/880W	2000VA/1600W	3000VA/2400W	Suits PSCRT2000	Suits PSCRT3000
Topology	Line Interactive, Pure Sine Wave				
INPUT					
Voltage	240Vac (Nominal)				
Voltage Range	162-290Vac				
Frequency Range	50/60Hz ±5Hz (Auto sensing)				
OUTPUT					
Output Voltage (AC Mode)	240Vac (Selectable 208/220/230Vac) ±10% AVR				
Voltage Regulation (Batt. Mode)	±3%				
Frequency Range (Batt. Mode)	50Hz or 60Hz ±1Hz				
Current Crest Ratio	3:1				
Transfer Time	6ms (Typical)				
Waveform (Batt. Mode)	Pure Sine Wave				
EFFICIENCY					
ECO Mode (Advanced)	98%	98%	98%		
Battery Mode	83%	89%	87%		
BATTERY					
Standard Model — Battery Type & Number	12 V*9AH (x 2)	12 V*9AH(x 4)	12 V*9AH (x 6)	12 V*9AH (x 8)	12 V*9AH (x 12)
Standard Model — Typical Recharge Time	4 hours recover to 90% capacity				
Additional Battery Banks	N/A	PSRTBB8 (x1)	PSRTBB12 (x1)		
PROTECTION					
Full Protection	Overload, discharge, thermal, short circuit and overcharge protection				
Surge Protection	1560 Joules / 32500 Amps				
COMMUNICATIONS & MANAGEMENT					
Interface	USB or RS232 as standard, Intelligent slot for PSSNMP, PSModbus or PSAS400 dry contact				
Software	PowerShield NetGuard® software - supports Windows based operating systems, Linux, Unix and Mac				
LCD Display/Alarm	AC Mode, Batt.Mode, Load Level, Input Voltage, Output Voltage, Overload, Fault, Low Batt., Batt.Time Remaining				
Audible Alarm	Battery Mode, Low Battery (Batt. Mode), Fault, Oveload				
PHYSICAL					
Dimension (D x W x H)	(380 x 438 x 88) mm	(480 x 438 x 88) mm	(600 x 438 x 88) mm	(380 x 438 x 88) mm	(600 x 438 x 88) mm
Weight (Net/Gross)	(15kg/16kg)	(23kg/25kg)	(32kg/35kg)	(25kg/27kg)	(35kg/37kg)
OPERATING ENVIRONMENT					
Temperature	0 - 40°C				
Humidity	0 - 90% (RH Non-condensing)				
Noise Level	< 45dB				
COMPLIANCE					
Safety	EN62040-1-1 2003, IEC60950-1-1				
EMC	EN62040-2 2006				
RoHS	Directive 2011/65/EU				

PSCRT1100

PSCRT2000

PSCRT3000