Commander RT











The Microprocessor-based, line Interactive, Pure Sine Wave Commander Rackmount/Tower UPS offers power protection for applications such as networking, telecom, security and motors.

The Advanced ECO mode function allows cost effective operation of the UPS with an efficiency as high as 98%. To provide longer backup time the 2kVA and 3kVA models are expandable to include an additional battery bank.

Features

Exceptional surge protection

· Offering the best surge protection in its class to protect against damaging surges

Output power factor 0.8

• The Commander RT is high-density UPS with output power factor 0.8 to provide higher performance and efficiency to critical applications.

Informative & easy-shift LCD display

• The front panel LCD display panel is readily viewable whether the UPS is horizontal or vertical. It displays all critical and noncritical parameters, including the estimated battery backup time remaining.

Rack/Tower design

• The Commander RT can be easily installed as a floorstanding tower or in a 19-inch rack.

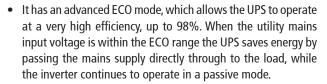
Programmable outlets

• This UPS comes with programmable power management outlets allowing the user to control the load segments, thereby extending battery backup times to mission critical devices by shutting down non-critical items.

Emergency Power Off Function (EPO)

· This feature can turn off and isolate the UPS in the event of fires or other emergencies.

ECO & advanced ECO mode



Hot swappable batteries

• Incorporates hot-swappable internal battery packs which can be accessed via the front panel for maintenance changes, keeping the UPS operational during battery replacement. Additional battery banks can be added to increase battery backup time.

Buck and Boost AVR

• Built-in buck and boost AVR (combination of Australian and IEC)

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







Comma	nder RT					
MODEL		COMMANDER RT 1000	COMMANDER RT 2000	COMMANDER RT 3000	RT BATTERY BANKS	
Model Number		PSCRT1100	PSCRT2000	PSCRT3000	PSCRTBB8	PSCRTBB12
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		50/60 Hz (Auto Sensing) ±5Hz				
OUTPUT						
Output Voltage (AC Mode)		240Vac (Selectable208/220/230Vac) ±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				
EFFICIEN	CY					
ECO Mode (Advanced)		98%	98%	98%		
Battery Mode		83%	89%	87%		
BATTERY	,				,	
Standard Model	Battery Type & Number	12V*9Ah (x 2)	12V*9Ah (x 4)	12V*9Ah (x 6)	12V*9Ah (x 8)	12V*9Ah (x 12)
	Typical Recharge Time	4 Hours Recover to 90% Capacity				
Additional Battery Banks		N/A	PSCRTBB8 (x1)	PSCRTBB12 (x1)		
PROTECT	ION					
Full Protection		Overload, discharge, thermal, short circuit and overcharge protection				
Surge Protection		1560Joules / 32500Amps				
COMMU	NCATIONS & MAN	AGEMENT				
Interface		USB or RS232 as standard, Intelligent slot for PSSNMP, PSModbus or PSAS400 dry contact				
Software		PowerShield® NetGuard® software supports Windows®, 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				
PHYSICA	\L					
Dimension (D x W x H)		(380 x 438	3 x 88)mm	(600 x 438 x 88)mm	(480 x 438 x 88)mm	(600 x 438 x 88)mm
Weight (Net/Gross)		(15kg / 16kg)	(23kg / 25kg)	(32kg / 35kg)	(25kg / 27kg)	(35kg / 37kg)
OPERATI	NG environment					
Temparature		0 - 40°C				
Humidity		0 - 90% (RH Non-condensing)				
Noise Level		< 45dB				
COMPLIA	ANCE					
Safety		EN62040 - 1 - 1 2003, IEC60950 - 1 - 1				
EMC		EN62040 - 2 2006				
RoHS		Directive 2011 / 65 / EU				

 $^{^{\}star}$ Specifications are subject to change without prior notice. UPS output capacity is calculated at PF = 0.7



PSCRT1100





PSCRT3000 PSCRT3000