



CENTURION RT SHORT BASE UPS

2000VA TRUE ONLINE DOUBLE CONVERSION
PSCERT2000SB



The Centurion RT features True Online Double Conversion. As our highest single phase power density UPS, this sophisticated range provides the most comprehensive protection for mission critical devices such as sensitive networks, computers, servers, telecom applications, as well as industrial applications. Our Short Base (SB) Model is perfect for communications racks with a shorter depth and designed to fit most equipment racks.

FEATURES

- Output Power Factor 0.9
- ECO Mode
- Programmable Power Management
- Emergency Power Off Function (EPO)
- Informative LCD display



2000 VA SHORT BASE UPS

Batteries (12 V*9AH)	x4	
Dimension (D x W x H) mm	480 x 438 x 88	
Weight (kgs)	19.8	
Rear View	Centurion RT 2000SB 10Amp IEC input socket	Optional Battery Bank PSRTBB8

OPTIONAL ACCESSORIES

PSRTBB8

Extended battery module

PSSNMPV4

Internal SNMP Coms Card with EMD port DX806

PSEMD

Environmental Monitoring Device, connects to PSSNMPV4

PSAS400T

Internal Relay Comms Card with terminal connector

PSMBUS

Modbus to communicate with building management

PSAS400D

Internal relay comms card with DB-9 Connector

PSMBS2K

External Maintenance Bypass Switch for up to 2kVA



PowerShield

powershield.com.au

CENTURION RT SHORT BASE UPS

MODEL		CENTURION RT 2KVA (SB)	OPTIONAL EXTENDED BATTERY BANK
Capacity		2000VA/1800W	PSRTBB8
Topology		True online double-conversion, Pure Sine Wave	
INPUT			
Voltage Range	Low Line Transfer	160VAC / 140VAC / 120VAC / 110VAC \pm 5 % (based on load percentage 100%–80% / 80%–70% / 70%–60% / 60%–0)	
	Low Line Comeback	175VAC / 155VAC / 135VAC / 125VAC \pm 5 %	
	High Line Transfer	300VAC \pm 5 %	
	High Line Comeback	290VAC \pm 5 %	
Frequency Range		40Hz–70Hz	
Phase		Single phase with ground	
Power Factor Correction		0.99 @ nominal voltage (100% load)	
OUTPUT			
Output Power Factor		0.9	
Output Voltage (AC Mode)		240VAC (Selectable 200/208/220/230/240VAC)	
Voltage Regulation (Batt. Mode)		\pm 1%	
Frequency Range (Batt. Mode)		50Hz or 60Hz \pm 1Hz	
Current Crest Ratio		3:1 (max.)	
Transfer	AC Mode to Batt. Mode	Zero	
	Inverter to Bypass	4ms (Typical)	
Waveform (Batt. Mode)		Pure Sine Wave	
IEC Outlets		10A, C13 x 5	
Australian Sockets		3	
EFFICIENCY			
ECO Mode (Advanced)		97%	
Battery Mode		87%	
BATTERY		UPS BATTERY	OPTIONAL EXTENDED BATTERY BANK
Battery Number (12 V*9AH)		x 4	x 8
Run time (50% / 100% load*) mins		11 / 4	Refer to extended run chart online
Typical Recharge Time		4 hours recover to 90% capacity (for standard model only)	
PROTECTION			
Full Protection		Overload, discharge, thermal, short circuit and overcharge protection	
Surge Protection		984 Joules / 22000 Amps	
COMMUNICATIONS AND MANAGEMENT			
Interface		USB or RS232 as standard, Intelligent slot for PSSNMP, PSModbus or PSAS400 dry con-tact	
Software		PowerShield® NetGuard® software – supports Windows, Linux, Unix and Mac based operating systems	
HID		Supports Windows, Apple, Linux, NAS and various industrial controllers	
LCD Display/Alarm		UPS Status, Load & Battery Level, Input/Output Voltage, Batt. Time Remaining and Fault Indicators	
Audible Alarm		Battery Mode, Bypass Mode, Low Battery (Batt. Mode), Fault, Overload	
PHYSICAL		UPS	OPTIONAL EXTENDED BATTERY BANK
Dimensions (D x W x H) mm		480 x 438 x 88	480 x 438 x 88
Weight (kg)		19.8	29.1
OPERATING ENVIRONMENT			
Temperature		0–40°C	
Humidity		20–90% (RH Non-condensing)	
Noise Level		< 50dBA @ 1 Meter	
COMPLIANCE			
Safety / EMC / RoHS		EN62040-1-1 2003, IEC60950-1-1 / EN62040-2 2006 / Directive 2011/65/EU	
WARRANTY			
Standard 2 Years manufacturers warranty. Additional 1 Year uplift to 3 Years total with product registration here.			

Specifications are subject to change without prior notice. *Run times at specified capacity of UPS model in watts.

PS003_CENTURION_RT_SHORTBASE2000_BROCHURE_UPDATE | 24/09/25