

CENTURION RT

1000VA | 1500VA | 2000VA | 3000VA



The Centurion RT is a true online double conversion UPS delivering the highest single-phase power density available. Engineered to protect mission-critical applications—including networks, servers, computers, telecom systems, and industrial equipment—it combines sophisticated design with comprehensive protection. Developed to meet the demands of Australian power consumers, the Centurion RT sets the standard for world-class UPS technology.

FEATURES

EXCEPTIONAL SURGE PROTECTION

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

OUTPUT POWER FACTOR

The Centurion RT is high-density UPS with output power factor (PF = 0.9) 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 remaining battery backup time.

RACK/TOWER DESIGN

The Centurion RT can be easily installed as a floor-standing 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

It has an advanced ECO mode, which allows the UPS to operate at a very high efficiency, up to 98%.

EXPANDABLE BACKUP TIME

Increase backup time by adding external battery banks.

REAR VIEW

Centurion RT 1000(L)/1500 10Amp IEC input socket



Centurion RT 2000(L) 16Amp IEC input socket



Centurion RT 2000/2000SB 10Amp IEC input socket



Centurion RT 3000(L) 16Amp IEC input socket



Battery Bank PSRTBB6 / PSRTBB6SB



Battery Bank PSRTBB8



Battery Bank PSRTBB12



HID COMMUNICATION VIA USB

HID can be used for simple management with Windows, Apple, Linux and NAS devices and a large variety of industrial controllers that support HID. HID can also be used for safe and orderly shutdown.

NETGUARD SOFTWARE COMMUNICATION VIA USB

The free, downloadable NetGuard software provides complete power monitoring. Parameters such as input/output voltage, battery capacity and load level are easily viewed. It also ensures a safe and orderly shutdown in the event of a prolonged outage.

HOT SWAPPABLE BATTERIES

Battery banks are hot-swappable. This keeps the UPS operational during battery replacement.

STANDARD EXTRA LARGE CHARGER

The Centurion RT comes with a larger charger than other UPSs ensuring rapid recharge times.

OPTIONAL ACCESSORIES

- PSSNMPV4 – SNMP card (option to connect a PSEMD)
- PSEMD – Environmental Monitoring Device for temperature humidity
- PSModbus – Modbus card
- PSAS400 – AS400 dry contact card
- PSRK – 1RU rail kit
- PSRTBB6, PSRTBB8, PSRTBB12 – Extra battery bank
- PSMB52K, PSMB53K – Maintenance Bypass Switches



PowerShield®

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CENTURION RT RANGE SELECTION GUIDE																		
MODEL		1KVA & 1KVA (L)		1.5KVA		2KVA (SB)		2KVA & 2KVA (L)		3KVA & 3KVA (L)		RT BATTERY BANKS						
Model Number		PSCERT1000 / PSCERT1000L		PSCERT1500		PSCERT2000SB		PSCERT2000 / PSCERT2000L		PSCERT3000 / PSCERT3000L		PSRTBB6 / PSRTBB6SB		PSRTBB8		PSRTBB12		
Capacity		1000VA/900W		1500VA/1350W		2000VA/1800W				3000VA/2700W		Suits PSCERT1000(L)/ PSCERT1500		Suits PSCERT2000SB		Suits PSCERT2000(L)/ PSCERT3000(L)		
Topology		True online double-conversion, Pure Sine Wave																
INPUT																		
Voltage Range	Low Line Transfer		160VAC / 140VAC / 120VAC / 110VAC ± 5 % (based on load percentage 100%–80% / 80%–70% / 70%–60% / 60%–0)															
	Low Line Comeback		175VAC / 155VAC / 135VAC / 125VAC ± 5 %															
	High Line Transfer		300VAC ± 5 %															
	High Line Comeback		290VAC ± 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)		± 1%																
Frequency Range (Batt. Mode)		50Hz or 60Hz ±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								10A, C13 x 5 16A, C19 x 1								
Australian Sockets		3								2								
EFFICIENCY																		
ECO Mode (Advanced)		97%																
Battery Mode		88-89%								90%								
BATTERY																		
Battery Number (12 V*9AH)		x 3		x 3		x 4		x 6		x 6		x 6		x 8		x 12		
Run time (50% / 100% load*) mins		19 / 7		14 / 5		11 / 4		19 / 7		11 / 4		Refer to extended run chart online						
Typical Recharge Time		4 hours recover to 90% capacity (for standard model only)																
Charging Current (max.)		Standard Models – 1.5Amp. Long Run Models – 1Amp / 2Amp / 4Amp / 6Amp selectable																
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 contact																
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																		
Dimensions (D x W x H) mm		380 x 438 x 88				480 x 438 x 88		600 x 438 x 88		600 x 438 x 88		480 x 438 x 88 / 380 x 438 x 88		480 x 438 x 88		600 x 438 x 88		
Weight (kg) - Standard / Long Run		15.7	8.4	15.9	-	19.8	-	27	10.5	27.2	12.9	24.8		29.1		42		
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																

Specifications are subject to change without prior notice. Models ending in 'L' are long run models with larger chargers and therefore have no internal batteries Centurion 2000L and 3kVA models require a 16 Amp wall socket. *Run times at specified capacity of UPS model in VA .