



The Centurion resolves utility power problems and delivers superior power to equipment requiring critical power.

As a True Online Double-conversion UPS, the UPS takes the AC signal, converts it to DC and then back to AC, thus eliminating any noise or electrical interference and delivering perfect 240Vac and 50Hz frequency to all equipment. It is this seamless transfer to batteries that will continue to feed equipment in the case of a mains failure.

The Centurion Rackmount UPS comes complete with NetGuard® software to enable the UPS to softly shutdown the system after a prescribed amount of time designated by the user. The Centurion Rackmount, like its Tower counterpart, also has programmable sockets on the back so that the user may get more backup on more critical equipment. SNMP and AS400 card slots are present on the back of the unit for remote management and dry contact communications.

applications include:

- manufacturing
- servers and networking gear
- telecommunications, VoIP and security systems
- medical systems
- Mining applications



Centurion Rackmount



features

- True Online Double Conversion
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.98
- 50Hz/60Hz frequency converter mode
- Programmable power outlets
- Emergency power off function (EPO)
- Eco-mode operation for energy saving (ECO)
- Generator compatible
- Backup time for all models is easily extended by simply plugging additional battery banks
- Charger capacity expansion to 8A for long-run models
- USB+RS232 + SNMP + AS400 multiple communications
- Maintenance Bypass Switch available for all models
- N+X parallel redundancy available for 6K/10K models

THE AUSTRALIAN UPS COMPANY



CENTURION RACKMOUNT

Model	PSCER6000L	PSCER10KL
Capacity	6000VA / 4800W	10000VA / 8000W
Topology	True online double-conversion	
INPUT		
Voltage Range	Low Line Transfer	176 VAC @ 100% load 110 VAC @ 50% load
	Low Line Comeback	186 VAC @ 100% load 120 VAC @ 50% load
	High Line Transfer	300 VAC
	High Line Comeback	290 VAC
Frequency Range	46~54 Hz 50Hz / 56~64Hz 60Hz	
Phase	Single phase with ground	
Power Factor	0.99 @ 100%load	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	± 1%	
Frequency Range (Synchronized Range)	46~54Hz 50Hz/56~64Hz 60Hz	
Frequency Range (Batt. Mode)	50Hz ± 0.1Hz or 60Hz ± 0.1Hz	
Load Crest Factor	3:1	
Harmonic Distortion	3% THD (Linear Load) 6 % THD (Linear Load)	
Transfer	AC Mode to Batt. Mode	Zero
	Inverter to Bypass	Zero
Waveform (Batt. Mode)	Pure Sinewave	
EFFICIENCY		
ECO Mode	90%	
Battery Mode	88%	
BATTERY		
Battery Type	12V*9AH(x20 external cabinet)	12V*9AH(x20 external cabinet)
Typical Recharge Time	3 hours recovery to 90% capacity	3 hours recovery to 90% capacity
Charging Current (max.)	2.0A	
Charging Voltage	273.0 VDC ± 1%	
PROTECTION		
Full Protection	Overload, discharge, thermal, short circuit and overcharge protection	
COMMUNICATIONS & MANAGEMENT		
Interface	USB or RS232 as standard, Intelligent slot for PSSNMP or PSAS400 dry contact	
Software	Power Shield NetGuard Software - supports Windows based operating Systems, Linux, Unix & Mac	
LCD Display/ Alarm	UPS Status, Load Level, Battery Level, Input/Output Voltage, Battery Time Remaining and Fault Indicators	
Audible Alarm	Battery Mode, Low Battery, Overload, Fault	
PHYSICAL		
Dimension (D x W x H)	(580 x 438 x 133 (3RU)) mm	(668 x 438 x 133 (3RU)) mm
Weight	21kg	23kg
OPERATING ENVIRONMENT		
Temperature	0- 40°C	
Humidity	20-90 % (RH Non-condensing)	
Noise Level	Less than 55dBA @ 1 Meter	
COMPLIANCE		
Safety	EN62040-1-1 2003, IEC60950-1-1	
EMS	EN62040-2 2006	
RoHS	Directive 2001 / 65 / EU	



PSCER6000L/ PSCER10KL

MODEL	PSCERBB20
SUITS UPS	PSCER6000L/10KL
BATTERY	
Type	12V*9AH
Number	20
Nominal DC	240
Charger	From UPS
PHYSICAL	
Dimensions D x W x H	580 x 438 x 133 (3RU)mm
Weight Nett/Gross	57kgs
PROTECTION	DC Circuit breaker

