

EATON Powerware 5130

High-density power protection

for critical loads from 1250 to 3000 VA

Delivering more performance in less space at a value price



Features

- Protects connected equipment from five of the most common power anomalies: failures, surges, sags, under-voltage and over-voltage
- Provides more real wattage in less space with a 0.9 power factor—to protect more equipment and leave more room to expand IT systems
- Offers the choice of Rackmount or tower installation—with space-saving 2U
- Enables prioritised shutdown of non-essential equipment during outages to maximise battery runtime for critical devices—with load segmentation.
- Maximises availability with extended battery runtime options, hot-swappable batteries, optional maintenance bypass, remote monitoring and power management software
- Provides a two year limited warranty, Warranty +, Startup +, Warranty + Silver and Warranty + Gold service options available.



PRODUCT SNAPSHOT

Power Rating	1250 VA / 1150 W 1750 VA / 1600 W 2500 VA / 2250 W 3000 VA / 2700 W
Voltage	230 Vac
Frequency	50/60 Hz (Autosensing)
Topology	Line Interactive, 0.9 power factor
Configuration	Rack or Tower; Pedestal and/or rail kit provided

TECHNICAL SPECIFICATIONS

Rack / Tower Models					
Part Number	Rating (kVA/Watts)	Input Connection	Output Receptacles	Dimensions H x W x D mm	Weight (Kg)
POA-UPS-1250-5130	1250/1150	IEC C14-10A	(8) IEC-C13-10A	87 x 441 x 509	24.3
POA-UPS-1750-5130	1750/1600	IEC C14-10A	(8) IEC-C13-10A	87 x 441 x 509	26.6
POA-UPS-2500-5130	2500/2250	IEC C20-16A	(1) IEC-C19-16A; (8) IEC-C13-10A	87 x 441 x 634	33.8
POA-UPS-30002U-5130	3000/2700	IEC C20-16A	(1) IEC-C19-16A; (8) IEC-C13-10A	87 x 441 x 634	33.8
POA-UPS-30003U-5130	3000/2700	IEC C20-16A	(1) IEC-C19-16A; (8) IEC-C13-10A	131 x 441 x 484	34.3
Extended Battery Modules		Dimensions H x W x D		Weight	
POA-EBM-1750-5130		87 x 441 x 509 mm		30.4 kg	
POA-EBM-30002U-5130		87 x 441 x 634 mm		41.7 kg	
POA-EBM-30003U-5130		131 x 441 x 484 mm		41.7 kg	

TECHNICAL SPECIFICATIONS CONTINUED

General				
LED's	13 status-indicating LED's			
Topology	Line-Interactive			
Diagnostics	Full system self-testing at power up			
Transfer Time	1-4 ms typical			
ROO/RPO	Rear deck emergency stop connector (For remote ON/OFF and power OFF)			
Rail Kit / Tower Stand	Included with all units			
Communications				
Serial Port	RS-232 (RJ45) ports			
USB Port	As standard (HID)			
Optical Communication Slots	Connect UPS-MS network management card. ModBus/JBus, AS400/Relay Card			
Cables Included	RS-232 and USB 2m, 2 x 10Amp IEC to IEC output cable, 15Amp Australian Input cable (2.5 & 3kva only)			
Power Management Software	Eaton Software Suite CD-ROM (bundled with UPS)			
Electrical Input				
Nominal Voltage	230 Vac			
Voltage Range *	230 V: 160 – 294 V			
Frequency	50/60 Hz (Auto-sensing)			
Frequency Range	47 – 70 Hz for 50 Hz Operation			
Power draw of UPS (Full Load)	1250: 5.4A @ 230V	1750: 7.6A @ 230 V	2500: 10.9A @ 230 V	3000: 13.0A @ 230 V
Electrical Output				
Power Factor	0.9			
On Utility Voltage Regulation	230 V: 184 – 265 Vac			
On Battery Voltage Regulation	-10%, +6% of nominal			
Efficiency	Normal or line mode >94%. On Battery 70% (1260-1750 VA), 75% (2500-3000 VA)			
Frequency Regulation	0.1 Hz			
Over Current Protection	Electric current limit			
Load Crest Factor	3:1			
PowerShare (Load Segments)	Two individually controlled output receptacles			
Environmental				
Safety Markings	230V: C-tick, CE, TUV, cUL, UL			
Safety Conformance	230V: UL1778, UL497A (data line only), cUL (CAN/CSA C22.2, No. 107.1); EN50091-1-1 and IEC 60950			
EMC Compliance	230V: EN 50091-2. FCC Part 15 subpart J Class A			
Operating Temperature	1250 VA: 0°C - +40°C; 1750-3000 A: 0°C to +35°C			
Storage Temperature	-15°C to +50°C			



TECHNICAL SPECIFICATIONS					
Battery					
Internal Battery Type	1250/2500 VA: 12V/7.2 Ah; sealed, lead acid; maintenance free. 1750/3000 VA: 12V/9 Ah; sealed, lead acid; maintenance free.				
EBM Battery Type	12 V / 9 Ah				
Battery Runtime	1250 VA: 5 min w/ internal batteries @ 100% load (0.9 PF)	1750 VA: 3.5 min w/internal batteries @ 100% load (0.9 PF)	2500 VA: 3 min w/ internal batteries @ 100% load (0.9 PF)	3000 VA: 3 min w/ internal batteries @ 100% load (0.9 PF)	
Battery Replacement	Hot-swappable internal batteries				
Start-on-Battery	Allows start of UPS without utility input.				
Heat Dissipation (Battery Fully Charged)					
5130 Model –	Line Mode, BTUs/hr		Battery Mode, BTUs/hr		
1250 VA	250		1,682		
1750 VA	348		2,340		
2500 VA	490		2,559		
3000 VA	588		3,071		
Model Numbers					
Battery Backup Times in minutes – Half Load / Full Load					
Rack/Tower Models	Internal Batteries	+ 1 EBM	+ 2 EBM's	+ 3 EBM's	+ 4 EBM's
POA-UPS-1250LV-5130	15/5	58/29	100/54	143/99	185/104
POA-UPS-1500LV-5130	9/3	36/16	62/28	89/41	115/53
POA-UPS-2500LV-5130	11/3	55/23	100/42	150/63	206/85
POA-UPS-30002ULV-5130	10/3	44/17	73/32	101/47	130/62
POA-UPS-30003ULV-5130	10/3	44/17	73/32	101/47	130/62

