Technical Specifications

Rating	1000VA	1500VA	2000VA	2200VA	3000VA	6000VA
Part number	05146011-6591	05146006-6591	05146003-6591	05146003-6501A	103002723-6591	103003625-6591
Capacity (VA/Watts)	1000/700	1500/1050	2000/1400	2200/1540	3000/2100	6000/4200
Dimensions WxDxH (mm)	432x490x89	432x490x89	432x490x89	432x607x89	432x610x89	440x635x220
Weight (kg)	15	23	23	35	37	93
Input connection	IEC320/10A	IEC320/10A	IEC320/10A	IEC320/10A	IEC320/16A	Hardwired
Output connection/ Two load segments	6xIEC320/10A	6xIEC320/10A	6xIEC320/10A	2xIEC320/10A 2xAS112/10A	1xIEC320/16A 4xIEC320/10A	Hardwired
Typical runtime (Full load) (Half load)	5 min 15 min	8 min 25 min	5 min 15 min	7 min 15 min	5 min 15 min	10 min 30 min
Nominal Input voltage (VAC)	220/230/240 VAC					
Input voltage range	160-288 VAC(1000-3000VA); 120-28VAC (6000VA)					
Operating frequency	50/60 Hz auto sensing					
Input Power factor	>0.95					
Nominal Output voltage	208/220/230/240 VAC					
Output voltage regulation	±3% online; ±3% on battery mode					
Overload capacity	Up to 110% for 2 minute, 111-150% for 30 sec					
Efficiency	>85% (1000-3000VA); >90% (6000VA)					
User interface						
LED	3 LEDs indicating UPS status 5 LEDS indicating Alarm/Bar Graph indicators					
Standard communication ports	RS232 as standard (1000-3000VA) ; RS232 and USB on (6000VA)					
Optional	WEB/ SNMP, Multiserver card, relay card, Modbus card					
Environmental						
Operating temperature	0°C - +40°C					
Storage temperature	Recommended 0°C - +25°C					
Altitude	< 3000 m					
Audible noise at 1 meter	< 45 dB (normal mode) < 50 dB (battery mode)					
Certification						
Markings	C-Tick, CE & UL 1778 (1000-2000VA) CE (2200 - 6000VA)					
Safety	EN 50091-1					
EMC	EN 50091-2 EN6100-3-2 (1000-3000VA)					

Specifications subject to change without notice.

Model	Part number	Dimension	Weight
9125 24 EBM 1000VA model	05146502-6591	432x490x89	30 kg
9125 48 EBM 1500/2000VA model	05146074-6591	432x490x89	30 kg
9125 72 EBM 2200/3000VA model	103002837-6591	432x610x89	43 kg
9125 240 EBM 6000VA model	103003387-6591	440x629x133	77 kg

SEA - 1/2007

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EATON | Powerware

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Powerware® 9125RM

For critical rackmount applications

Features

- Double Conversion technology in real rackmount design
- 2U high 1000-3000VA
- 5U high 6000VA
- Advanced Battery Management prolongs battery life by 50%
- Connectivity options
- Extended runtime
- Powerware Software Suite included
- Can also be installed as standalone unit

As business becomes increasingly dependent on technology for their fundamental operation the need for system availability is of paramount importance. Powerware 9125RM double conversion design makes it optimal for protecting mission-critical Rackmounted IT, Industrial, Medical and Telecommunications applications. Available in power ratings of up to 6kVA, the 9125 promises premiere protection, longer backup time, remote manageability, installation flexibility and superior service all available in a real rackmount mechanicalpack.

The Powerware 9125RM is a real rackmount 9-series UPS, occupying just 2U (1000-3000VA) or 5U (6000VA) height which conserves valuable rackmount space in a real rackmount application. All models of 9125 can also be used as standalone units if require.

Even when presented with the most severe power problems, power output remains stable, within 3 percent of nominal voltage. The Powerware 9125RM supports a wide range of input voltages, so it is not consuming battery capacity during minor power fluctuations. Battery capacity is saved for times when utility power is completely lost. If an outage occurs, the 9125 transfers to battery with no break in power.

Offering extended backup time by adding external battery modules, makes the Powerware 9125RM optinal for protection of critical applications where longer backup times are needed. The unique Advanced Battery Management (ABM) function prolongs the service life of batteries by 50% and when ABM informs the user that the batteries should be changed this can easily be done without running down the load as all 9125 model offers hot swappable batteries.

Powerware 9125 RM comes bundled with Powerware Software Suite that includes everything needed for trouble free operation. LanSafe included on the software package monitors all network devices and provides an orderly shutdown in the correct order in the event of extended power outage.

For the advanced use the Powerware 9125RM has a comprehensive set of communication options for today's networked environment.

Features giving you business benefits

Advanced battery management

UPS systems have maintenance free lead-acid battery solution that is both critical and expensive for the user. The expected lifetime of batteries are also shorter compared to the rest of the UPS. Therefore, one should pay attention to the right battery solution with advanced battery charging technology. Today virtually most UPS products use traditional float charging technology. ABM is different because of the three-stage charging technique that constantly monitors the battery charging status and recharge only when necessary resulting is less corrosion and prolonged battery service life of up to 50%.

Hot swappable batteries

All Powerware 9125 models has hot-swappable batteries meaning that also the internal batteries can be changed without powering down the load. All internal batteries are replaced from the front so that UPS does not to be removed from the rack.

Load Segments 700-3000VA

Load Segments are groups of outlets that can be independently controlled. To preserve battery power for more critical equipment connected to the UPS you can shut down one load segment that supports less critical load and thereby preserve battery capacity for the load segment where the most critical equipment are connected.

Extended runtimes

Up to four Extended Battery Modules can be added to provide additional battery capacity as necessary. These battery modules occupies only 2U (1000-3000VA EBM) or 3U (6000VA EBM) saving space for other rack equipment.

Powerware 9125 6000 VA with 2 EBMs

Battery Runtimes (in minutes full load/half load)*					
Model/Load	Standard Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
1000VA/700W	5/15	48/110	104/240	-	-
1500VA/1050W	8/22	37/90	70/165	106/260	144/340
2000VA/1400W	5/16	26/61	49/115	74/174	100/237
2200VA/1540W	7/15	32/61	61/112	92/165	123/217
3000VA/2100W	5/13	25/55	38/72	54/120	70/160
6000VA/4200W	10	30	52	76	102

* EBM runtimes include internal batteries. 6kVA runtimes shown are at full load only. This guide provides typical application information. Battery run times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

Building solutions to manage and monitor your UPS

ConnectUPS Web/SNMPcard
is a complete UPS monitoring, control and shutdown solution in a networked IT environment. In case of alert the Web/SNMP card can notify users and administrators through email and SNMP traps. In case of a prolonged power failure the protected computer systems can be shut down in a graceful manner with NetWatch and LanSafe 5 software. The unique 3 port switching hub on the XSlot model provides additional network connections.

Environmental Monitoring Probe for ConnectUPS Web/SNMP adapters

The Environmental Monitoring Probe adds temperature, humidity and two contact closure monitoring capability to ConnectUPS Web/SNMP card. It is especially well suited for monitoring rack temperature and door status. Operating system shutdown can be triggered if user defined thresholds are exceeded or contact closure status changes.

Relay/AS400 cards
provide and easy connection to IBM AS/400 series computers as well as industrial and building management systems.

XSlot ModBus card
provides a connection to industrial and building management systems using ModBus/JBUS.

Xslot USB card
provides USB (universal serial bus) interface to Windows based computers with LanSafe software.

Multiport card
provides 2-5 serial connections for use when several servers are attached to the same UPS but cannot use the network to transmit UPS data. This card is very useful in case of several standalone computers, firewall and DMZ setups and separate networks.

Software suite

Eaton offers a full line of shutdown and monitoring Powerware software products to enhance the protection provided by its UPSs. The software suite, conveniently packed on one CD-ROM, follows every UPS free of charge.

Shutdown software

LanSafe is a network shutdown software product that currently supports up to 20 operating systems. It ensures controlled sequential shutdown of the whole network across platforms in case of a prolonged power failure. LanSafe allows the shutdown of up to 64 computers protected by a single UPS.

NetWatch is a shutdown agent for the ConnectUPS Web/SNMP card. It is a very compact piece of software, but still features powerful configuration options for shutdown actions, timings and user notification. NetWatch is available for Windows, Novell, MacOS X, and most Unix platforms including Linux.

Monitoring software

PowerVision® is performance monitoring and trend analysis software for critical UPSs and multiple UPSs in a network. It calculates trends and stores information about the operation of the UPS device in its database. PowerVision's alert and notification behaviour is highly configurable, which makes it a great tool for system administrators. Optional shutdown controller module can host hudreds of shutdown clients and it can also be used in case of paralleled UPSs.