

EATON

Powerware

Powerware 9125 RM Uninterruptible Power System

Product Focus

1000-6000 VA



Features

- Double Conversion technology in real rackmount design
- 2U high 1000-3000 VA
- 5U high 6000 VA
- ABM™ Advance 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 9125 double conversion design makes it optimal for protecting mission-critical Rackmounted IT, Industrial, Medical and Telecommunications applications. Available in power ratings of up to 6 kVA, the 9125 RM promises premiere protection, longer backup time, remote manageability, installation flexibility and superior service all available in a real rackmount mechanical pack.

The Powerware 9125 RM is a real rackmount 9-series UPS, occupying just 2U (1000-3000 VA) or 5U (5000-6000 VA) height which conserves valuable rackmount space in a real rackmount application.

All models of Powerware 9125 can also be used as standalone units if required.

Even when presented with the most severe power problems, power output remains stable, within 3 percent of nominal voltage. The Powerware 9125 RM 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 Powerware 9125 RM transfers to battery with no break in power.

Offering extended backup time by adding external battery modules, makes the 9125 RM optimal 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 RM 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 9125 RM has a comprehensive set of communication options for today's networked environment. RS 232 serial port come as standard in a slot. The RS 232 card can be changed to a Web/SNMP card, a Multiport RS 232 card, a USB-card or a AS400 relay card depending on application requirement.

Advanced features that give you business benefits

Advanced Battery Management

UPS systems traditionally have maintenance free lead-acid battery solution that is both critical and expensive for the user. The expected lifetime of batteries is shorter compared to the rest of the UPS. Therefore, one should pay attention to the right battery solution. Today virtually all competitive UPS products use traditional float charging technology. The unique Powerware ABM technology provides additional benefits by providing a three-stage charging technique that constantly monitors the battery charging status, and as a result only recharges when necessary, so ultimately the battery experiences less corrosion and battery service life is prolonged by up to 50%.

Hot swappable batteries

All the Powerware 9125 models have been developed with hot-swappable batteries, therefore internal batteries can be changed without powering down the load.

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.

Load Segments on 700-3000VA models

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

Load	Internal batteries	With 1 EBM	With 2 EBM	With 3 EBM	With 4 EBM
9125 1000VA					
500VA/350W	14	125	235		
1000VA/700W	5	48	104		
9125 1500-2000VA					
500VA/350W	35	150	300	450	600
1000VA/700W	16	61	115	174	237
1500VA/1050W	8	37	70	106	144
2000VA/1400W	5	26	49	74	100
9125 3000VA					
1000VA/700W	21	80	160	250	340
1500VA/1050W	13	55	72	120	160
2000VA/1400W	9	35	70	90	120
3000VA/2100W	5	25	38	54	70
9125 5000-6000VA					
2000VA/1400W	36	105	180	270	360
3000VA/2100W	24	70	120	175	237
4000VA/2800W	18	48	85	125	165
5000VA/3500W	13	37	65	96	128
6000VA/4200W	10	30	52	76	102



Powerware 9125 6000 VA with EBM

Building solutions to manage and monitor your UPS

ConnectUPS Web/SNMP card for connectivity slot (option)

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 software.

Relay/AS400 card (option)

provide an easy connection to IBM AS/400 series computers as well as industrial and building management systems. You can also build a solution for a remote ON/OFF function with the relay card.

Software suite

Powerware offers a full line of shutdown and monitoring 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

Environmental Monitoring Probe for ConnectUPS Web/SNMP adapters (option)

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.

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.



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 hundreds of shutdown clients and it can also be used in case of paralleled UPSs.

Technical Specifications

POWERWARE 9125 RM

Rating	1000 VA	1500 VA	2000 VA	3000 VA	5000 VA	6000 VA
Part number	black 05146011-6591 beige 05146011-5591	05146006-6591 05146006-5591	05146003-6591 05146003-5591	103002723-6592 103002723-5591	103003623-6591 103003623-5591	103003625-6591 103003625-5591
Capacity (VA/watts)	1000/700	1500/1050	2000/1400	3000/2100	5000/3500	6000/4200
Dimensions WxDxH (mm)	432x490x89	432x490x89	432x490x89	432x610x89	440x635x220	440x635x220
Weight (kg)	15	23	23	37	93	93
Input connection	IEC320/10A	IEC320/10A	IEC320/10A	IEC320/16A	Hardwired	Hardwired
Output connection/ Two load segments	6xIEC320/10A	6xIEC320/10A	6xIEC320/10A	1xIEC320/16A 4xIEC320/10A	Hardwired	Hardwired
Typical runtime (full load) (half load)	5 min 15 min	8 min 25 min	5 min 15 min	5 min 15 min	13 min 35 min	10 min 30 min

Operational

Nominal input voltage (Vac)	220/230/240 Vac
Input voltage range	160-288 Vac (1000-3000 VA); 120-288 Vac (6000 VA) 120/140/184-276 Vac (5000-6000 VA)
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% (1000-3000 VA); >90% (6000 VA) >90% (700 VA); >93% 1000-3000 VA; >95% 5000-6000 VA (High efficiency mode)

User interface

LED	3 LEDs indicating UPS status 5 Alarm/Bar Graph indicators
Standard communication ports	RS232 as standard (1000-3000 VA); RS232 and USB on 6000 VA
Optional	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 metre	<45 dB (normal mode) <50 dB (battery mode)

Certification

Markings	CE & UL 1778 (1000-2000 VA) CE (3000 VA & 6000 VA)
Safety	EN 50091-1
EMC	EN 50091-2 EN 6100-3-2 (1000-3000 VA)

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



In the interests of continual product improvement all specifications are subject to change without notice.

Powerware®, Hot Sync®, Advanced Battery Management, LanSafe, PowerVision, and FORESEER are trademark(s) of Eaton Power Quality Corporation. © 2005 Eaton Corporation

Mailing address:
Powerware Products and Services,
Marketing
P.o. Box 54, 02921 Espoo, FINLAND
Tel: +358 9 452 661
Fax: +358 9 452 66396
emea@powerware.com
http://www.powerware.com

DENMARK
Tel: +45 3686 7910
denmark.sales@powerware.com

FINLAND
Tel: +358 9 452 661
finland.sales@powerware.com

FRANCE
Tel: +33 1 60 12 74 00
powerware.france@powerware.com

GERMANY
Tel: +49 7841 6040
info.germany@powerware.com

ITALY
Tel: +39 02 95542.1
info@powerware.it

NORWAY
Tel: +47 23 03 65 50
norway.sales@powerware.com

RUSSIA
Tel: +7 495 981 37 70
russia.sales@powerware.com

SWEDEN
Tel: +46 8 598 940 00
sweden.sales@powerware.com

POLAND
Tel: +48 22 331 85 24
poland.sales@powerware.com

UNITED KINGDOM
Tel: +44 1753-608 700
powerware.help@powerware.com



Powerware