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9PX6KP1

Eaton 9PX rack/tower UPS. 6000 VA/5400W, 120/208V, L6-30 input; (1) L14-30R, (1) L14-30R, (6) 5-20R output ENERGY STAR® qualified UPS

General

Topology	Double-conversion online
Configuration	Rack/Tower
Catalog Number	9PX6KP1
Color	Black and silver
Rating (VA/Watts)	6000/5400
Diagnostics	Full system self test at power up
Efficiency	93% with resistive load
UPS Bypass	Internal to PPDM
Dimensions (H x W x D, inches)	10.2 (6U) x 17.3 x 28.4
Dimensions (H x W x D, mm)	259 (6U) x 439 x 721
Weight (kg)	91
Weight (lbs)	203
Warranty	2 years
Rail Kit Included	4-post rail kit and tower pedestals included
Remote Emergency Power off (REPO)	ROO/RPO: Rear deck emergency stop connectors (for remote on/off and power off)
Contents (Ships with the following items)	9PX6K 6 kVA UPS 9PXPPDM1 PowerPass Distribution Module Network-MS Web/SNMP card 4-post rail kit User manual Quick start guide Tower pedestals Intelligent Power Software Suite CD RS-232 serial cable USB cable Cable gland for hardwire connection Phillips head screw driver

Electrical Input

Connection	(1) NEMA L6-30P

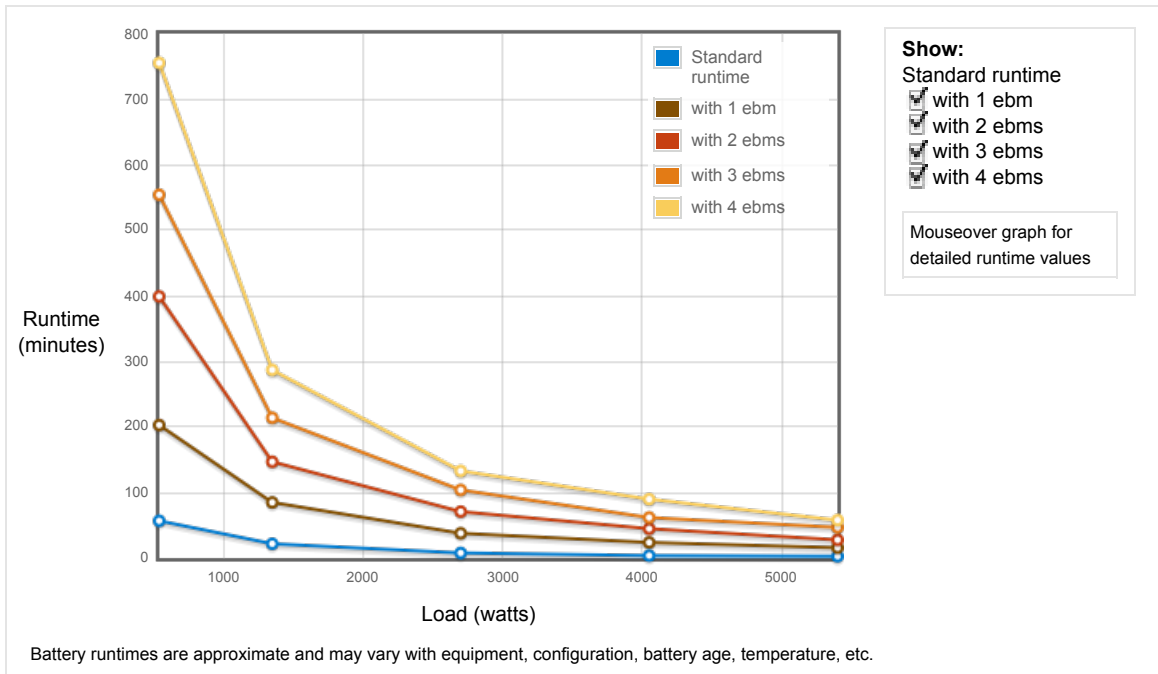|	
Input Cord	6 feet (1.8 meters)
Input Voltage Range	Full load: 176-276V, Derating: 100-276V
Nominal Voltage	120/208V default (200/208/220/230/240V)
Frequency	50/60 Hz
Frequency Range	60 Hz: 50–70 Hz, 50 Hz: 40–60 Hz
Input Power Factor	>99
Input Current Distortion	<5%

Electrical Output

Nominal Voltage	120/240V default (200/208/220/230/240V)
Output voltage regulation	±1% steady-state
Voltage THD	<2% for linear loads
Output Receptacles	(6) NEMA 5-20R (1) NEMA L6-30R (1) NEMA L14-30R
Power Factor	0.9
Transfer Time	0 ms
Circuit Breaker	(1) 30A for L6-30R; (1) 30A for L14-30R; (2) 20A for 5-20R

Battery

Show:
Standard runtime
☑ with 1 ebm
☑ with 2 ebms
☑ with 3 ebms
☑ with 4 ebms

Mouseover graph for detailed runtime values

Runtime (minutes)

Load (watts)

Battery runtimes are approximate and may vary with equipment, configuration, battery age, temperature, etc.

Optional Extended Battery Module	9PXEBM180RT
Battery Description	Sealed, lead-acid; maintenance free
Maximum number of extended battery modules (EBM)	Add up to 4 extended battery modules (EBM)
Battery Management	ABM technology; 3-stage charging extends battery service life by 50% and provides advance warning for battery replacement
Battery Replacement	Hot-swappable internal batteries and extended battery modules (EBMs)
Start On Battery	Cold-start enabled; first cold start is always forbidden

Communications

User Interface	Graphical display. UPS status in a single view.

LEDs	4 status-indicating LEDs
Communication Ports	RS-232 (RJ45) ports; USB port as standard (HID). 6-foot RS-232 and USB cables included
Communications Card Slots	Network Card-MS included
Power Management Software	Eaton Intelligent Power Software Suite CD (included)

Environmental & Standards

RoHS Compliance	Yes
Surge Protection	IEEE ANSI C62.41 Cat B2
Audible Noise	<45 dB at 1 meter
Operating Temperature	0 to 40°C (32°F to 104°F)
Safety markings	CE / cULus / NOM
EMC Markings	IEC 62040-2:2006 Cat C2 / CISPR22 Class A / FCC part 15 Class A
Storage Temperature	0 to 35°C (32°F to 95°F); without batteries: -15 to 60°C (5°F to 140°F)
Relative Humidity	0 to 95%
Altitude	<1,000 meters for nominal power; 10% power derating every 1000 meters (up to 3000 meters)

Options

Batteries

Option	Part Number	List Price
5/6 kVA EBM cable adapter Adapter cable from Eaton 9135/MX UPS EBM to 5 and 6 kVA 9PX UPS models.	CBLADAPT180	
	9PXPPDM1	
5/6 kVA EBM Extended battery module (EBM) for 5 and 6 kVA 9PX UPS models. Includes 4-post rail kit, quick start guide, joining brackets for tower configuration and 1-foot EBM connector cable. Add up to 4 EBMs.	9PXEBM180RT	
5/6 kVA EBM cable 6-foot EBM cable for 5 and 6 kVA 9PX UPS models.	EBMCBL180	

Power Management Software

UPS and ePDU Supervisory Software	Part Number	List Price
Intelligent Power Manager Enables monitoring and management of multiple network power devices and integrates seamlessly with VMware's vCenter Server and Microsoft's SCVMM. View demo	free download 66925 (Silver) 66926 (Gold)	

UPS Protection Software	Part Number	List Price
Intelligent Power Protector Provides automatic, graceful shutdown of PCs, servers and virtual machines during extended power outages. Compatible with ESXi, Hyper-V, Xen and KVM. View demo	free download	free

Power Distribution and Bypass

Option	Part Number	List Price
Basic ePDU Basic ePDU for additional output receptacles. 9-ft. cord with L6-30P input. (4) L6-20R output. 2U form factor. HxWxD, inches: 3.5x19.0x6.0.	PW105BA2U420	
Basic ePDU Basic ePDU for additional output receptacles. 15-ft. cord with L6-30P input. (16) C13 and (4) C19 output. 1U form factor. HxWxD, inches: 1.7x17.0x5.1.	ePBZ7	
Basic ePDU Basic ePDU for additional output receptacles. 9-ft. cord with L14-30P input. (4) L6-20R output. 2U form factor. HxWxD, inches: 3.5x19.0x6.0.	PW105BA2U422Á	
Basic ePDU Basic ePDU for additional output receptacles. 9-ft. cord with L14-30P input. (24) 5-20R output for 5-15P and 5-20P inputs. 0U form factor. HxWxD, inches: 66.0x1.89x2.0.	PW105BA0U42	
Maintenance Bypass Rear-mount 3U, 208V maintenance bypass for 5 and 6 kVA 9PX UPS models.	MBP6K208	

Mounting Hardware

Option	Part Number	List Price
Rail kit Two-post rail kit for 5 and 6 kVA 9PX models	RK2PC	
Integration/caster kit Battery integration system and caster kit.	BINTSYS	

Racks and Enclosures

Option

Eaton S-Series Rack
Eaton S-Series Racks support a broad range of rack accessories, as well as power distribution, management and protection products, to provide a proven platform that you can depend on to support your critical IT operations. Available in 42U and 48U heights.