

Pulsar EX 10 Rack

1000 VA



▶ On-line continuous double-conversion

▶ Wide input-voltage range (120 to 276 V)

▶ Cold start with no AC-input power

▶ Self-test (UPS and battery)

▶ Easy, universal installation procedure

The ultimate protection for your critical applications, network and telecom systems

On-line double conversion UPS with minimum dimensions

- ▶ only 2U high!
- ▶ fault tolerant with automatic bypass
- ▶ SNMP administration
- ▶ Solution-Pac shutdown software.

High availability

Redundancy via the Pulsar STS Source Transfert Switch

A turnkey solution

Pulsar Rack UPSs are supplied with a complete mounting kit for fast installation, including instructions, telescopic rails and the necessary mounting hardware.



Complete package.

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Nothing will stop you now

Fault tolerance

In the event of an overload or an unlikely UPS problem, your application remains up and running thanks to the automatic bypass. This feature reinforces system reliability and improves the availability of your applications.

Short battery-recharge time

A high-performance battery charger reduces the recharge time (80% of the rated backup time is recovered in less than two hours after a complete discharge), and the battery lifetime is significantly increased.

Long backup times

Two battery extension modules (EXB10 *Rack*) can be connected to Pulsar EX10 to ensure continuous service and provide up to eight hours of backup time.



Perfect integration of the Pulsar EX10 UPS and its EXB10 battery-extension module.

Easy, universal installation

The telescopic rails make installation easy in all 19" bays, whatever their depth (600 or 900 mm) or brand (Compact, IBM, HP, Rittal, etc.).

Extensive communication possibilities

► **Optional SNMP board**
Lets you connect your UPS directly to an Ethernet network, without a server.

► **Optional status-information board (IBM AS400 compatible)**
Provides four signals via relays (load on battery, load on bypass, low battery shutdown warning, load powered by UPS).



Optional SNMP board for autonomous communication with the network.

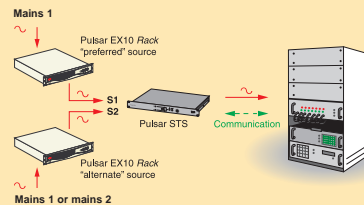
MGE UPS SYSTEMS

Headquarters
7, chemin du Vieux Chêne
38942 Meylan Cedex France

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High availability for critical applications

The Pulsar STS Source Transfer Switch manages two redundant Pulsar UPSs to provide a simple and effective solution when you need maximum availability.



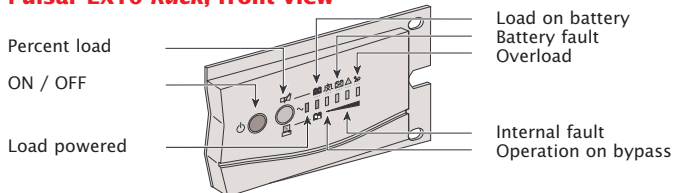
Main features

General	
Power VA/W	1000/700
UPS dimensions (W x H x D, in mm)	483x88x430 (2U)
UPS weight (in kg)	17
Dimensions of EXB10 <i>Rack</i> module (W x H x D, in mm)	483x88x430 (2U)
Weight of EXB10 <i>Rack</i> module (in kg)	22
Technical	
Input-voltage range without calling on battery power	120/140/160 (1) to 276 V
Frequency range	47 to 63 Hz
Input power factor	> 0.95
Sinusoidal output voltage selected using EX-Driver software	200/208/220/230/240 V (+/- 3%)
Regulated output frequency	50/60 Hz (auto-select)
Efficiency	> 86 %
Crest factor	3:1
Short-circuit current	3,7 In
Batteries	
Standard backup time	7 min
Backup time with 1 EXB10 <i>Rack</i> module	36 min
Backup time with 2 EXB10 <i>Rack</i> modules	1 hr
Recharge time after complete discharge, to 80% rated backup time	2 hrs
Protection against deep discharges	yes
Environment	
Acoustic noise	< 41 dBA
Environmental protection	energy-saving function (sleep mode), recyclable components
Standards	
Safety	EN 50091-1-1, IEC 950
EMC	EN 50091-2, EN 55022/B, EN 55011/B, EC 1000-4, IEC 801, IEC 1000-3-2
Marking	CE, TÜV/GS
Design, manufacture, logistics and services	EN 50091-3, ISO 9001
Warranty	
	2 years, extendable by contract

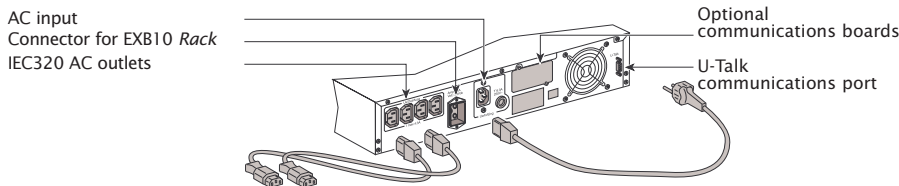
(1) Values for operation at 33%, 66% and 100% rated output.

User interface and connections

Pulsar EX10 *Rack*, front view



Pulsar EX10 *Rack*, rear view



Which UPS should you choose?

	100	200	300	400	500	600	700	800	900	1000
2 hubs										
100-line PABX										
Router										
1 PC server										
Intranet server										
ATM switch, 32 ports										
2 PC servers										
Power rating (VA)	100	200	300	400	500	600	700	800	900	1000
EX10 <i>Rack</i>	90	63	43	30	23	17	15	13	10	9
EX10 + 1EXB10 <i>Rack</i> module		4h	2h45	1h50	1h25	1h10	1h	53	45	36
EX10 + 2 EXB10 <i>Rack</i> modules			4h	2h45	2h20	1h55	1h36	1h20	1h	

E.g.: 1 Intranet server is protected for 17 min with an EX10 *Rack*.
2 PC servers are protected for 1 hour with an EX10 *Rack* and 2 EXB10 *Rack*.

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