



POWERWARE® 9110

For Critical Power Protection

9110	
TECHNOLOGY:	Series 9 (double conversion online)
RATING:	700 VA–6000 VA
VOLTAGE:	220–240 VAC
BACKUP TIME:	typical 10 min, extendable up to several hours



Powerware 9110 is designed to protect computers and other critical network equipment as well as small critical industrial control and automation applications against all possible power problems. Powerware 9110 can be used in any physical and system environment to protect your critical equipment.

INFORMATION TECHNOLOGY SOLUTIONS

Critical computer and communication equipment does not tolerate any power problems. That is why they need to be secure from all power problems. Powerware 9110 bundled

with **LanSafe III shutdown software** monitors all network devices and provides an orderly shutdown in the correct order in the event of extended power outage. Communication options such as **ConnectUPS** enable Powerware 9110 to be integrated with **SNMP or other management systems**.

CRITICAL ELECTRICAL SOLUTIONS

The double conversion online Powerware 9110 (class VFI) is capable of operating with mains power in most conditions without discharging its batteries, thus saving battery

capacity for when it is really needed. The optional **External Battery Cabinet** can extend battery time for up to several hours. **Isolation transformer** and **monitoring options** enable the Powerware 9110 to be used in any environment where critical equipment has to be protected.

POWERWARE®
POWERING THE WORLD



POWERWARE® 9110

INFORMATION TECHNOLOGY SOLUTIONS

Typical applications

- Small Networks
- Servers
- Routers, hubs

Product Highlights

- LanSafe III shutdown software included
- SNMP monitoring capability
- Plug&Play up to 3 kVA

Options: ConnectUPS, LanQuattro, Alarm Extension Unit, ViewUPS – external LCD display

CRITICAL ELECTRICAL ENGINEERING

Typical applications

- Small automation, control equipment
- EPOS and ATM
- Hospital/laboratory equipment
- Security equipment

Product Highlights

- Class VFI (*output voltage and frequency independent*)
- Customization with options
- Small footprint
- Robust design

Options: Isolation transformers, Extra battery cabinets, Monitoring options, ViewUPS – external LCD display, true relay interface – AS 400 option card.



TECHNICAL SPECIFICATIONS

	Power range	700 VA, 1000 VA, 1500 VA, 2000 VA, 3000 VA 5000 VA* and 6000 VA* at pf 0.7 (*Power range)
INPUT:	Rated voltage	220/230/240 VAC
	Voltage range	120/140/160 VAC – 276 VAC (Values given for 33 % / 66 % / 100 % loads)
	Frequency	50/60 Hz, auto selection
	Power Factor	0.95 (0.97 for 5000 VA and 6000 VA)
	Efficiency	88 % with full load
OUTPUT:	Nominal voltage	220/230/240 VAC, selectable from dip switch on rear panel
CONTROL FEATURES:	User interface	Monitoring panel with LED's: UPS on, Line on, On battery, Bypassed, Load, Overload and Audible alarm
	Remote interface	RS232 & Relay interface (D9 female) True relay interface: Line failure, Low battery, Bypass and Alarm/OK

PW/9110-	POWER	BACKUP TIME	DIMENSIONS (W·D·H)	WEIGHT
700	700 VA	6 min	145 x 400 x 225 mm	12 kg
1000	1000 VA	7 min	145 x 400 x 225 mm	14 kg
1500	1500 VA	5 min	145 x 465 x 225 mm	19 kg
2000	2000 VA	13 min	192 x 455 x 350 mm	33 kg
3000	3000 VA	7 min	192 x 455 x 350 mm	35 kg
5000	5000 VA	10 min	260 x 555 x 710 mm	91 kg
6000	6000 VA	8 min	260 x 555 x 710 mm	91 kg
External battery cabinets:				
BAT 1000			145 x 400 x 225 mm	19 kg
BAT 1500			145 x 465 x 225 mm	26 kg
BAT 2000 / 3000			192 x 455 x 350 mm	48 kg
BAT 5000 / 6000			260 x 555 x 710 mm	125 kg

Battery type: Lead-calcium maintenance free 7 Ah/12 V

Powerware solutions available from small offices to data centers, including UPSs (300 VA–400 kVA), power management software and service.

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