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## Powerware Profile Online Uninterruptible Power System

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MODEL 8kVA/5.6kW	INPUT: 200/100, 208/120, 220/110, 220/127, 240/120	OUTPUT: 220/100, 208/120, 220/110, 220/127, 240/120
MODEL 10kVA/7kW	INPUT: 200/100, 208/120, 220/110, 220/127, 240/120	OUTPUT: 220/100, 208/120, 220/110, 220/127, 240/120
MODEL 12kVA/8.75kW	INPUT: 200/100, 208/120, 220/110, 220/127, 240/120	OUTPUT: 220/100, 208/120, 220/110, 220/127, 240/120

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A UPS so powerful and efficient, yet so flexible and easy to use

- Efficiency Optimizer UPS – minimized power loss without compromise to load
- New modular design of batteries and electronics
- Cell Saver™ Technology gives 50% longer batteries life
- Advanced communication capabilities for connecting Power Management Software
- Easy to install, use and service
- Extended battery run time

### Powerware Profile

Powerware Profile is a double conversion online UPS for protection of commercial and technical computer systems and other intelligent devices such as measurement instruments and industrial automation applications.

### Extended Battery Run Time

The powerware profile offers you extended battery run time with line up and match cabinets. You no longer have to use expensive third party solutions for extended back-up time. A single matching cabinet will provide up to 2 hours of run time. Up to 8 hours may

be achieved using multiple matching cabinets.

### Introducing Efficiency Optimizer

In addition to the traditional online operation mode Powerware Profile features the Efficiency Optimizer function – a new feature adding real cost effectiveness to the UPS. It minimizes the power loss, reduces power consumption and cuts power bills. The UPS automatically switches between by-pass and online mode according to the utility power condition. The Efficiency Optimizer function is standard in all Powerware Profile UPSs and can easily be activated.

### Complete with Power Management Software

Powerware Profile includes UPS monitoring and shutdown software which supports Windows 3.x/NT/95, OS2, Novell and most popular Unix operating systems. SNMP compatibility is achieved with the optional ConnectUPS™ adapter.

### New modular design

The new modular design of Powerware Profile batteries and electronics allows more flexibility in use. Service and maintenance are more easily carried out since

separate modules can be handled instead of the whole UPS system.

### Powerware Profile is easy to use

Installation of Powerware Profile is either a hard-wired in/out with optional output distribution module. A fully automatic one-switch operation makes the UPS very easy to use. Switching to bypass either by the automatic static bypass switch or the manual make before break service switch results in no associated transfer time.

### Cell Saver™ Technology

The use of advanced charging techniques such as Advanced Battery Management (ABM™) charges the batteries only when necessary resulting in prolonged battery life, up to 50% longer, decreased recharge time, and up to 60 days advanced warning of pending battery service.



Powerware Profile Online Uninterruptible Power System		SPECIFICATIONS †		
	PWPF/8	PWPF/10	PWPF/12	
Power output	8kVA	10kVA	12kVA	
<b>INPUT</b>				
Input for rectifier	200/100, 208/120, 220/110, 220/127, 240/120			
Voltage range	single phase 85V-146V per phase			
Frequency	45/65 Hz			
Powerfactor	0.95			
Efficiency	89% (online) 98% (efficiency optimizer)			
<b>OUTPUT</b>				
Voltage	200/100, 208/120, 220/110, 220/127, 240/120			
Frequency	50/60Hz ±0.5 ±1.0 or ±2.5Hz selectable synchr. to utility ±0.005 Hz free running slew rate 1Hz/sec			
Dynamic response	±5% at 100% load change response time 1ms			
Voltage distortion	<2% THD on linear load <5% THD on nonlinear load			
Overload capacity	150% 30 sec on inverter 1000% 20ms on by-pass			
<b>BATTERY</b>				
Type	Sealed lead-acid batteries			
Back-up time	typical 7-18 min at full load			
Recharge time	<5 hr up to 90% capacity			
Battery test	Cell Saver™ Technology			
<b>CONTROL FEATURES</b>				
User interface	Monitoring panel with LEDs: UPS on, Line on, Battery operation, Bypassed, Overload, Over temperature, Service required, Load bar and Audible alarm			
Remote interface	2 pcs RS232 ports – one with modem interface. Voltage free relays: Line failure, Low battery, Bypass and Alarm. Emergency power off – input			
<b>ENVIRONMENTAL</b>				
Temperature	0-40°C, recommended 15-25°C			
Humidity	0-90% RH non-condensing			
Ventilation	Fan cooling, temperature µP monitored			
Audible noise	<50dB(A) at 3 feet.			
RFI suppression	FCC Class A			
Safety	UL 1778 cUL			
EMC	IEEEE587 Class B			
	PWPF/8	PWPF/10	PWPF/12	
Full load back-up time (min)	10*/18	7*/14	10	
Weight (lb.)	400/460	460/460	460	
Dimensions WxDxH (mm)	16x28x28	16x28x28	16x28x28	
<b>OPTIONS</b>				
	External battery cabinets			
	10 year batteries			
	Remote Status Panel			
	Power distribution panel			
	Isolation transformer			

\* With no external battery capability.

Specifications subject to change without notice.

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