



## Three Phase UPS



Powerware 9390

40 ~ 160kVA



## Features

- True On-Line Technology
- High Efficiency
- Low Total Harmonic Distortion (THD)
- Internal Static and Manual Bypass
- Comprehensive Connectivity Options

# 9390

## 40 ~ 160kVA



### Technical Specifications

POWERWARE PW9390	9390/40 kVA	9390/60 kVA	9390/80 kVA	9390/120 kVA	9390/160 kVA
Technology	On-Line double-conversion system				
Rated power (kVA/kW)	40/36	60/54	80/72	120/108	160/144
<b>ELECTRICAL</b>					
<b>Input</b>	Three Phase				
Voltage (Vac)	220/380: 230/400: 240/415 Vac three phase				
Frequency (Hz)	50/60				
Input power factor	0.99				
Input current distortion (THD)	5% typical				
<b>Battery</b>	External				
Type	Sealed lead-acid battery, maintenance-free. Or customer specified				
<b>Output</b>	Three phase				
Voltage (Vac)	220/380: 230/400: 240/415 Vac three phase				
Output voltage regulation	+/-1% static				
During normal operation	Output synchronized with mains frequency				
Overload rating	125% for 1 minute; 150% for 10 sec				
Efficiency	>94%				
Crest Factor	3.1				
Automatic bypass	Integrated				
<b>GENERAL</b>					
<b>Displays/Alarm</b>					
LEDs	4 x LED status indicators				
LCD display	Graphical LCD with blue background				
<b>Safety</b>					
Electrical Safety	EN 6240-1-1, IEC 62040-1-1, IEC 60950				
EMC	EN50091-2				
Test certificate	CE, GOST				
<b>Operating Conditions</b>					
Operation	0°C to 40°C				
Storage	-15°C to + 45°C;				
Type of cooling	Forced via high reliability fans				
Altitude	<1500 m				
Noise level	65dB (A)	65dB (A)	65dB (A)	70dB (A)	70dB (A)
<b>Interfaces</b>					
Data communication	Standard RS 232, relay card, EPO and 4 x empty slots optional USB,WEB/SNMP,Modbus/jbus,relay card, hot sync card				
Input connection	Hardwired				
Load connections	Hardwired				
<b>Dimensions</b>					
Size 6 pulse (HxWxD) (mm)	519x1872x804	519x1872x804	519x1872x804	900x1872x804	900x1872x804
Weight (kgs)	285	313	313	430	530
<b>Accessories</b>	Parallel capacity/redundancy, EMBS, external battery cabinets, isolation transformers				

Specifications subject to change without notice

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