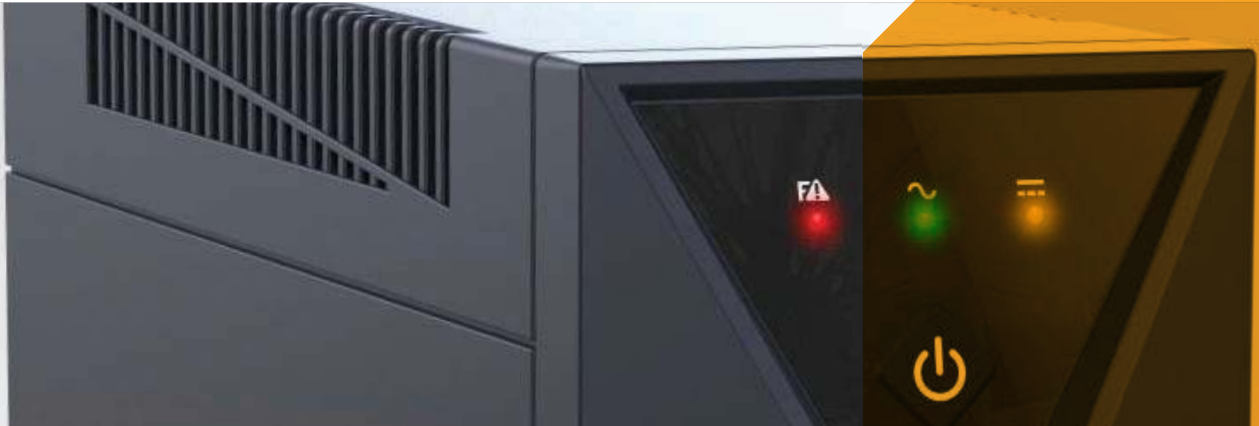# Kohler PW1000/LT
(800VA –2200VA)

The Kohler PW1000/LT provides reliable power protection for low power single-phase applications from 800VA to 2200VA, making it the ideal solution as power back-up for PCs, workstations, servers and other network storage devices.

This line interactive UPS is available in a tower design and provides up to five minutes of continuous power during the loss of mains power. It also protects against disturbances in the mains power as its automatic voltage regulator (AVR) ensures a source of stable, continuous power is provided under brown-out, sag, surge and spikes conditions.

Key features

Line interactive technology

Power range: 800 VA, 1500 VA and 2200 VA

Built-in automatic voltage regulation

LED display

Tower design

Technical specification

Model	800VA/360W	1500VA/600kW	2200VA/1200W
Input			
Voltage range	160VAC ~ 290VAC	160VAC ~ 290VAC	
Frequency range	45Hz~65Hz (auto sensing)	45Hz~65Hz (auto sensing)	
Output (AC mode)			
AVR Regulation	Increase output 15% (input -9% ~ -25%); decrease output 15% (input +9% ~ +25%)		
Output (inverter mode)			
Voltage	220/230/240VAC +/- 10%		
Frequency	50/60Hz +/- 1Hz		
Waveform	Simulated sine wave		
Capacity	800VA	1500VA	2200VA
Transfer time	2–6 minutes typical		
Back-up time	5~30 minutes depending on typical IT load		

Model	800VA/360W	1500VA/600kW	2200VA/1200W
Battery			
Voltage	12VDC		24VDC
Type	Sealed maintenance-free lead ccid VRLA type		
Capacity	12V/7Ah		12V/9Ah
Recharge time	4~6 hours (to 90%)		
Display			
LED (standard)	3 LEDs for line mode, battery mode and fault	6 LEDs for line mode, battery mode, fault, load % and battery capacity	
Protection			
Overload AC mode	>100% Input fuse blown and buzzer continuously sounds		
Overload inverter mode	>100% Buzzer continuously sounds until battery cut-off		
Short circuit	Shuts down immediately		
Modem (optional)	RJ11		
Network (optional)	RJ45		
Environment			
Operation temperature	0–40°C/32–104°F		
Operation humidity	95% RH maximum (non-condensing)		
Altitude	1000m/3280ft without derating		
Noise level	≤40dBA		
Interface			
Type	Standard: USB communication; optional: RS-232 communication		
Compatible platforms	Microsoft Windows Series, Linux, Mac, etc.		
Standards and certifications			
Safety	EN62040-2		
EMC/surge standard	EN61000-3-2, EN61000-3-3		
Certification	CE		
Other			
Alarm	Battery mode – buzzer sounds every 1 second; battery low – buzzer sounds every 0.1 second		
Dimensions (cm) WxDxH	100 × 140 × 292	148 × 198 × 315	
Weight (kg)	4.5kg	8kg	12kg
Output connections	4 x IEC320 outlets or 3 x universal outlets	6 x IEC320 outlets or 4 x universal outlets	

Specification is subject to change without prior notice.

KOHLERPOWER
uninterruptible