



# OL SERIES

ONLINE UPS 1000VA - 3000VA

## Why come to us for a solution?

- Quality products
- Wide range of products
- Nationwide backup
- Locally produced UPS's
- Competitively priced
- Unique design
- Good value for money
- Preventative maintenance contracts

Lightweight in design, these true on-line UPS's provide the best protection for your expensive computer equipment. The double conversion technology makes this unit an excellent stabilizer for power.

Pure sine wave is always provided, whether on the mains or battery. The standard unit comes with 10-60 minute internal batteries, load dependant. OL Series UPS's are designed for office and server room environment.



## APPLICATION

Computer Centres, Network Centres, Communication Systems, Automatic Control Systems or Other Critical Systems

## FEATURES

- On-line double conversion
- Full digital control (DSP)
- Output power factor: 1
- Economic operation mode
- Wide input-voltage range
- Self-testing when UPS start-up
- Cold Start (DC)
- Multifunctional protection
- Output bypass settable
- USB port - intelligent monitoring software



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MODEL	OL1C	OL1H36	OL2C	IL2H72	OL3C	OL3H96
<b>CAPACITY</b>	1000VA		2000VA		3000VA	
<b>POWER</b>	1000W		2000W		3000W	
<b>INPUT</b>						
<b>PHASE</b>	single phase & ground					
<b>VOLTAGE RANGE</b>	230V ±20%					
<b>FREQUENCY</b>	50Hz ±6Hz					
<b>POWER FACTOR</b>	0.99					
<b>OUTPUT</b>						
<b>VOLTAGE RANGE</b>	230VAC ±1%					
<b>FREQUENCY</b>	line mode: 47-53Hz or 57-63Hz; battery mode 50/60 ±0.1Hz					
<b>WAVEFORM</b>	pure sine wave					
<b>THD (LINEAR LOAD)</b>	≤3%					
<b>THD (NON-LINEAR LOAD)</b>	≤5%					
<b>OVERLOAD - AMBIENT TEMP &lt;35°C</b>	110-130%: shuts down after 10 minutes at battery mode or transfer to bypass when utility is normal 130-150%: shuts down after 1 minute at battery mode or transfer to bypass when utility is normal >150%: shuts down after 200ms at battery mode or transfer to bypass when utility is normal					
<b>CREST FACTOR</b>	3 : 1					
<b>TRANSFER BETWEEN AC MODE AND BATTERY MODE</b>	0ms					
<b>TRANSFER BETWEEN AC MODE AND BYPASS MODE</b>	4ms (typical)					
<b>EFFICIENCY - LINE MODE</b>	88%		92%		92%	
<b>EFFICIENCY - BATTERY MODE</b>	90%	90%	92%	92%	92%	92%
<b>COMMUNICATION</b>						
	RS232, EPO(jumper)					
<b>BATTERY</b>						
<b>TYPE</b>	12V sealed lead-acid, maintenance free					
<b>DC VOLTAGE</b>	24VDC	36VDC	48VDC	72VDC	72VDC	72VDC
<b>CONFIGURATION</b>	2 x 12V9AH		4 x 12V9AH		6 x 12V9AH	
<b>CHARGE CURRENT</b>	1A	12A max	1A	12a max	1A	12A max
<b>TYPICAL RECHARGE TIME</b>	4 hours recover to 90% capacity (typical)					
<b>CHARGE VOLTAGE</b>	27.4Vdc ±1%	41.0Vdc ±1%	54.7Vdc ±1%	82.1Vdc ±1%	82.1Vdc ±1%	82.1Vdc ±1%
<b>LCD INDICATION</b>						
<b>AC MODE</b>	input voltage / output voltage / temperature / load / battery capacity / fault					
<b>ENVIRONMENT</b>						
<b>TEMPERATURE</b>	0 ~ 40°C					
<b>HUMIDITY</b>	20 - 90% RH (non-condensing)					
<b>ALTITUDE</b>	<1000m					
<b>STORAGE TEMPERATURE</b>	-25~55°C					
<b>GENERAL</b>						
<b>NET/GROSS WEIGHT(Kg)</b>	9 / 12	5 / 8	17 / 20	9 / 12	21 / 25	10 / 13
<b>DIMENSION (WxDxH) mm</b>	345 x 144 x 225		390 x 190 x 325			
<b>PACKING (WxDxH) mm</b>	360 x 333 x 330		515 x 295 x 455			

Notes: