OL RT SERIES

ONLINE UPS 1000VA - 3000VA

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.

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



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	OL1RT	OL2RT	OL3RT
CAPACITY	1000VA	2000VA	3000VA
POWER	1000W	2000W	3000W
INPUT			
PHASE	single phase & ground		
VOLTAGE RANGE	230V ±20%		
FREQUENCY	50Hz ±6Hz		
POWER FACTOR	0.99		
OUTPUT			
VOLTAGE RANGE	230VAC ±1%		
FREQUENCY	line mode: 47-53Hz or 57-63Hz; battery mode 50/60 ±0.1Hz		
WAVEFORM	pure sine wave		
THD (LINEAR LOAD)	≤3%		
THD (NON-LINEAR LOAD)	≤5%		
OVERLOAD - AMBIENT TEMP <35°C	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		
CREST FACTOR	3 : 1		
TRANSFER BETWEEN AC MODE AND BATTERY MODE	0ms		
TRANSFER BETWEEN AC MODE AND BYPASS MODE	4ms (typical)		
EFFICIENCY - LINE MODE	88%	92%	92%
EFFICIENCY - BATTERY MODE	90%	92%	92%
COMMUNICATION			
	RS232, EPO(jumper)		
BATTERY			
TYPE	12V sealed lead-acid, maintenance free		
DC VOLTAGE	24VDC	48VDC	72VDC
CONFIGURATION	2 x 12V9AH	4 x 12V9AH	6 x 12V9AH
CHARGE CURRENT	1A	1A	1A
TYPICAL RECHARGE TIME	4 hours recover to 90% capacity (typical)		
CHARGE VOLTAGE	27.4Vdc ±1%	54.7Vdc ±1%	82.1Vdc ±1%
LCD INDICATION			
AC MODE	input voltage / output voltage / temperature / load / battery capacity / fault		
ENVIRONMENT			
TEMPERATURE	0 ~ 40°C		
HUMIDITY	20 - 90% RH (non-condensing)		
ALTITUDE	<1000m		
STORAGE TEMPERATURE	-25~55°C		
GENERAL			
NET/GROSS WEIGHT(Kg)	10 / 12	16 / 18	21 / 25
DIMENSION (WxDxH) mm	440 x 390 x 2U	440 x 390 x 2U	440 x 505 x 2U
PACKING (WxDxH) mm	533 x 480 x 178	533 x 480 x 178	533 x 617 x 178

Notes:

In the interests of continuous product improvement, all specifications are subject to change without notice.