



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
24 hours after sales services



M-SERIES

ON-LINE LITHIUM UPS 1KVA - 3KVA RT

Sleek in design, these true on-line UPS's provide the best protection for your server room 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.

Designed for the server room environment, you will have to look far to find a better unit.



APPLICATION

PC's, Workstations, Network Centres, SOHO, Servers, Industry Equipment, Medical Equipment or Other Critical Systems

FEATURES

- Built-in lithium battery with high cycle life
- Rack-tower convertible
- LCD display
- On-line double conversion with digital control
- Output power factor: 1
- Intelligent fan speed regulation
- Optimized battery configuration: 1KVA-25.6V, 2KVA-76.8V, 3KVA-76.8V
- Emergency shutdown through remote emergency power-off (EPO) port
- Reliable BMS protection
- Diverse options of accessories, intelligent management
- Intelligent slot - optional SNMP adapter
- Input power factor 0.99 with PFC
- Economic operation mode (ECO)
- Wide input voltage range
- Self-testing on UPS start-up
- Cold Start (DC)
- Output voltage can be set
- Full digital control (DSP)



M SERIES

ON-LINE LITHIUM UPS 1KVA - 3KVA RT

MODEL	M1RTL1	M2RTL1	M3RTL1
CAPACITY	1000VA/1000W	2000VA/2000W	3000VA/3000W
INPUT			
VOLTAGE RANGE	110-300VAC (176-264VAC @ 100% load)		
FREQUENCY RANGE	40 - 70Hz (50/60Hz auto-sensing)		
PHASE	Single phase with ground		
POWER FACTOR	>=0.99		
OUTPUT			
VOLTAGE	200/208/220/230/240VAC		
POWER FACTOR	1		
VOLTAGE REGULATION	±1%		
FREQUENCY	line mode: 47-53Hz or 57-63Hz; battery mode 50/60 ±0.1Hz		
CURRENT CREST RATIO	3 : 1		
HARMONIC DISTORTION	<=3% THD (Linear Load), <=5% THD (Non-Linear Load)		
TRANSFER TIME	AC - DC: 0ms ; Inverter - Bypass : 4ms		
OUTPUT WAVEFORM	Pure Sinewave		
EFFICIENCY	AC Mode: Full load>=90.5% / ECO Mode: Full load>=95%		
BATTERY			
NUMBER OF BATTERIES	2	6	6
BATTERY TYPE	LiFeP04		
BACKUP TIME	Estimated remaining time displayed on the LCD		
CHARGING CURRENT(MAX)	2A		
RATED BATTERY VOLTAGE	25.6V9Ah	78.8V6Ah	76.8V9Ah
PROTECTION	Over-voltage / Over-current / Low-voltage		
TRANSFER TIME	Mains to Battery: 0ms Mains to Bypass: <4ms		
ECO MODE	yes		
INDICATOR			
LCD VERSION WITH LED	Load / Battery / Input / Output / Operating Mode Information, Overload, UPS Fault		
BATTERY MODE	Audible alarm sounding every 4 seconds		
LOW BATTERY	Audible alarm sounding every second		
OVERLOAD	Audible alarm sounding twice every second		
FAULT	Audible alarm continuously sounding		
ENVIRONMENT			
OPERATING ENVIRONMENT	0-40°C		
RELATIVE HUMIDITY	0-90%(non-condensing)		
ALTITUDE	< 1500m. when > 1500m, derating		
INTELLIGENT SLOT	SNMP		
PHYSICAL			
UNIT DIMENSION (W X D X H)	440 x 435 x 86.5mm (2U)	440 x 560 x 86.5mm (2U)	440 x 640 x 86.5mm (2U)
PACKAGE DIMENSION	555 x 560 x 205mm	555 x 685 x 205mm	555 x 750 x 205mm
NET/GROSS WEIGHT	10 / 12Kg	18.5 / 20.5Kg	23 / 25Kg