

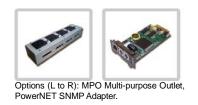
for your cable networks and communication systems...

Solutions

MG Series Uninterruptible Power Supply



- > True online dual conversion technology
- Advanced microprocessor control
- Sine wave output, zero transfer time
- Wide input voltage range
- Transient voltage surge suppress (TVSS)
- Redundant parallel operation*
- User-friendly bypass protection
- Self-test on startup, input power factor correction
- auto-reset on removal of error
- Versatile LED display
- On-battery startup (DC power-on), generator compatibility
- RS-232 communication interface + Intelligent Slot
- Optional SNMP Adapter for remote status monitoring
- Optional LCD display and parallel connection kit*
 - * Available on certain models only





MG Series Uninterruptible Power Supply

Nominal Specifications (1-3KVA models, "L" for extended battery runtime)

Model	MG-1K	MG-2K	MG-3K	MG-1KL	MG-2KL	MG-3KL			
Rated Power	1000VA/800W	2000VA/1600W	3000VA/2400W	1000VA/800W	2000VA/1600W	3000VA/2400W			
Input									
Voltage	220VAC								
Voltage range		160VAC to 276VAC							
Frequency	50Hz (46Hz to 54Hz)								
Power factor	>0.95								
Output									
Voltage	220VAC								
Voltage regulation	±2% at battery mode								
Frequency	50Hz (±0.5% at battery mode)								
Waveform	Sine wave								
Power factor	0.8								
Harmonic distortion	T.H.D. < 3%								
Load crest ratio	3:1								
Overload capacity	110% to 150% for 30 seconds and over 150% for 300ms								
Efficiency	Better than 93% in line mode and 96% in battery mode								
Transfer characteristic	0ms								
Battery									
Туре	Built-in sealed maintenance free (SMF) VRLA battery			External SMF VRLA battery bank(s)					
Voltage	36VDC	72 or 9	6VDC	36VDC 72 or 96VDC		96VDC			
Backup time	17 minutes ¹ 7 minutes ²	26 minutes ¹ 10 minutes ²	20 minutes ¹ 7 minutes ²	Depends on capacity of external battery bank(s)					
Environmental									
Operating temperature	0 to 40°C / 32°F to 104°F								
Relative humidity	0 to 95% non-condensing								
Mechanical									
Communication interface	RS-232 and Intelligent Slot								
LED display	Operation mode, line, battery and inverter status, battery voltage, load capacity and visible alarm								
Dimensions (WDH)		MG-1K & MG-1KL: 145x405x220mm MG-2K, MG-2KL, MG-3K & MG-3KL: 92x460x340mm							
Net weight	13KGS	33KGS	34KGS	7.5KGS	15KGS	16KGS			
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- Backup time (battery runtime) at half load condition
- Backup time (battery runtime) at full load condition

Optional Features



Multi-purpose Outlet (MPO)

- > 4 independent MCB-controlled sockets
- > Built of durable powder coated material
- > Easy mounting on shelf of GM enclosure > Other types of sockets applicable



- PowerNET[™] SNMP Adapter
 > Support for HTTP, SNMP and DHCP protocols
 > Support for Telnet and Hyper Terminal
- > Support for automatic startup and show-down
- > Operating status monitoring and display > Administration through LAN
- > Fully programmable remote control
- > Multiple-client administration
- > E-mail notification on emergency events
- > Automatic recording history log data



MG Series Uninterruptible Power Supply

Nominal Specifications (6-10KVA models, "L" for extended battery runtime)

Model	MG-6K	MG-10K	MG-6KL	MG-10KL	MG-15KL	MG-20KL			
Rated Power	6KVA / 4.8KW	10KVA / 8KW	6KVA / 4.8KW	10KVA / 8KW	15KVA / 12KW	20KVA / 16KW			
Input									
Voltage	220VAC								
Voltage range	120VAC to 276VAC								
Frequency	50Hz (46Hz to 54Hz)								
Power factor	>0.98 (full load)								
Output									
Voltage	220VAC								
Voltage regulation	±1%								
Frequency	50Hz (adjustable at line mode; ±0.1% at battery mode)								
Waveform	Sine wave								
Power factor	0.8								
Load crest ratio	3:1								
Overload capacity	105% - 130% for 10 minutes; over 130% for 1 minute								
Transfer characteristic	0ms								
Battery									
Туре	Built-in sealed maintenance free (SMF) valve regulated lead acide (VRLA) battery External SMF VRLA battery bank(s)								
Voltage	240VDC(192VDC optional)								
Backup time	20 minutes ¹ 7 minutes ²	13 minutes ¹ 5 minutes ²	Depends on capacity of external battery bank(s)						
Environmental									
Operating temperature	0 to 40°C								
Relative humidity	20% to 95% non-condensing								
Mechanical									
Communication interface	RS-232 and Intelligent Slot								
LCD display (optional)	Input / output voltage, input / output frequency, battery voltage, load capacity and temperature								
LED display	Operation mode, line, battery and inverter status, battery voltage, load capacity and visible alarm								
Dimensions (WDH)	260×570×717mm 260×570×515mm 260×570×717mm (10.2"x22.4"x28.2") (10.2"x22.4"x20.3") (10.2"x22.4"x28.2")								
Net weight	90kgs (198.4lbs)	93kbs (205lbs)	35kgs (77.1lbs)	38kgs (88.8lbs)	55kgs (121.3lbs)	55kgs (121.3lbs)			

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