

Power

for your cable networks and communication systems...

Solutions

MG31 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)
- Three-phase redundant parallel operation
- User-friendly bypass protection
- Self-test on startup and auto-reset on removal of error
- Versatile LED display
- On-battery startup (DC power-on), generator compatibility
- Extended battery runtime
- RS-232 communication interface + Intelligent Slot
- Optional SNMP Adapter and parallel connection kit
- Optional smart LCD display



Options (L to R): MPO Multi-purpose Outlet,
PowerNET SNMP Adapter.

MG31 Series Uninterruptible Power Supply

Nominal Specifications (Tower, external battery banks for extended runtime)

Model	MG31-15KL	MG31-20KL
Rated Power	15000VA / 12000W	20000VA / 16000W
Input		
Voltage	380VAC, three-phase	
Voltage range	304 to 478VAC	
Frequency	50Hz (46Hz to 54Hz)	
Power factor	>0.95	
Output		
Voltage	220VAC	
Voltage regulation	±1%	
Frequency	50Hz (±0.1% at battery mode)	
Waveform	Sine wave	
Power factor	0.8	
Load crest ratio	3:1 max.	
Overload capacity	105% to 130% for 10 minutes, over 130% for 1 minute	
Transfer characteristic	0ms	
Battery		
Type	External sealed maintenance free (SMF) VRLA battery	
Voltage	192VDC or 240VDC	
Charging time	Depends on capacity of external battery bank(s)	
Backup time	Depends on capacity of external battery bank(s)	
Environmental		
Operating temperature	0 to 40°C / 32°F to 104°F	
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)	260x570x717mm / 10.2"x22.4"x28.2"	
Weight	55kgs / 121.3lbs	

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

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