

# Power

## Alpha FXM 2000

UPS Module



Alpha FXM 2000

- Full featured, ruggedized UPS provides clean, uninterruptible backup power ensuring your system will remain running during power outages
- Wide range Automatic Voltage Regulation without going to batteries saves energy and lengthens battery life, even during periods of surge or sag in the line voltage
- External communications via RS-232 port or (optional) Ethernet SNMP interface provides local or remote monitoring and control
- Independently programmable and dry contact relays allow tracking and controlling of key functions
- Event and alarm logging with time and date stamping simplifies and accelerates troubleshooting
- A wide operating temperature range of -40 to 74°C (-40 to 165°F) is suitable for the most extreme operating environments
- Temperature compensated battery charging protects batteries from over charging at extreme temperatures, extending the life of the battery
- White text on blue display improves readability in bright daylight

The Alpha FXM uninterruptible power supply (UPS) modules provide clean, reliable power control and management as part of a complete UPS solution. Each model is available in either North American (120V/60Hz) or International (230V/50Hz) variants. Automatic Voltage Regulation (AVR) provides power stability in unpredictable environments and constant voltage during variable power conditions. Temperature compensated battery charging protects batteries from over charging at extreme temperatures, extending battery life. Event and alarm logging with time and date stamping simplifies and accelerates troubleshooting. Control and power connection panels can be rotated for mounting and display in any orientation\*\* for viewing preference.

\* Power module only. Output power derates after 50°C for FXM 2000. (120Vac), and after 55°C (230Vac)

\*\* The LCD panel on the FXM 650 cannot be rotated.

## Alpha FXM 2000 UPS Module

Consult your Alpha representative for P/N configurations

### Electrical

#### ➤ North America

Battery string voltage:.....48Vdc

Nominal voltage: .....120Vac

Nominal frequency:.....Auto-sensing

Input:

Current:.....17.5A nominal

Voltage: .....85 to 150Vac

Output:

Current:.....16.7A nominal

Voltage regulation: ..... +/- 10% over input voltage range

Power at 50°C:.....2000W/VA

#### ➤ International

Battery string voltage:.....48Vdc

Nominal voltage: .....230Vac

Nominal frequency:.....Auto-sensing

Input:

Current:.....9.15A nominal

Voltage range: .....150 to 281Vac

Output:

Current:.....8.7A nominal

Voltage regulation: ..... +/- 10% over input voltage range

Power at 50°C:.....2000W/VA

### Mechanical

Dimensions:

mm:.....133H x 394W x 222D

inches: .....5.22H x 15.5W x 8.75D

Weight: .....16kg (35lbs)

### Environmental

Operating

temperature range\*: .....-40 to 74°C (-40 to 165°F)

Audible noise @ 25°C: .....45dBa @ 1 metre (39in)

\*120Vac module derates after 50°C. 230Vac module derates after 55°C

### Performance

Typical output voltage THD: <3%

Typical efficiency:.....>98% (resistive load)

Typical transfer time:.....<5ms

### Agency Compliance

Electrical safety:.....UL1778, CSA 22.2 No 107.3-03

Marks: .....cCSA<sub>US</sub>/CE\*\*

EMI: .....Class A FCC/CISPR  
[EN 50091-2:1995]

\*\*CE applies to 230 Vac version only