

# FXM 2000

## UPS Module



FXM 2000

- Clean, uninterruptible backup power ensures 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

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:.....CSA<sub>us</sub>/CE\*\*

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

\*\*CE applies to 230 Vac version only