

Power

FXM 650 UPS Module



FXM 650

- 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 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
- 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 text 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 alarm connection panels can be rotated for mounting and display in any orientation** for viewing preference.

* Power module only. Output power derates after 55°C for FXM 650

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

FXM 650 UPS Module

Consult your Alpha representative for P/N configurations

Electrical

> North America

Battery string voltage:24Vdc/48Vdc

Nominal voltage:120Vac

Nominal frequency:Auto-sensing

Input:

Current:5.6A nominal

Voltage:85 to 175Vac

Output:

Current:5.4A nominal (no charge current)

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

Power at 55°C:650W/VA

Charge current:10A max

> International

Battery string voltage:24Vdc

Nominal voltage:230Vac

Nominal frequency:Auto-sensing

Input:

Current:3.0A nominal

Voltage range:150 to 328Vac

Output:

Current:2.8A nominal

Voltage regulation +/- 10% over input voltage range

Power at 55°C:650W/VA

Mechanical

Dimensions:

mm:88H x 432W x 229D

inches:3.47H x 17W x 9D

Weight:11kg (25lbs)

Environmental

Operating

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

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

*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:c CSA_{US}/CE**

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

**CE applies to 230 Vac version only