



# FXM 1100

## Rugged UPS Module

- 1100W/VA UPS module designed to operate in extreme environments and provide maximum flexibility while ensuring critical loads remain protected and running during outages and other power disturbances
- Wide range Automatic Voltage Regulation (AVR) lengthens battery life by providing protection without transferring to backup mode during voltage surge or sag
- Independently programmable control and report dry contacts allow monitoring and controlling of key functions
- Temperature compensated battery charging protects batteries from overcharging or undercharging at extreme temperatures, extending the life of the battery
- Local and remote monitoring and control via RS232 port and Ethernet SNMP interface\*
- UPS panels can be rotated, improving usability and viewing convenience

**Consult your Alpha representative for P/N configurations**

### Electrical

#### ➤120Vac Model

**Battery string voltage:** ...48Vdc  
**Nominal voltage:** ..... 120Vac  
**Nominal frequency:** .....Auto-sensing  
**Input:**  
 Current:..... 15.5A (@ nominal voltage and max battery charging current)  
 Voltage: .....85 to 175Vac

#### Output:

Voltage regulation: ..... +/- 10% over input voltage range  
 Power at 55°C:..... 1100W/VA

#### ➤230Vac Model

**Battery string voltage:** ...48Vdc  
**Nominal voltage:** .....230Vac  
**Nominal frequency:** .....Auto-sensing  
**Input:**  
 Current:.....8A (@ nominal voltage and max battery charging current)  
 Voltage range: ..... 150 to 328Vac

#### Output:

Voltage regulation: ..... +/- 10% over input voltage range  
 Power at 55°C:..... 1100W/VA

### Mechanical

#### Dimensions:

mm:..... 133H x 394W x 222D  
 inches:.....5.22H x 15.5W x 8.75D

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

### Environmental

**Operating temp range\*:**...-40 to 74°C (-40 to 165°F)  
**Audible noise @ 25°C:**.....45dBa @ 1 meter (39in)

\*Derates after 55°C

### Performance

**Typical output voltage THD:** ..... <3%  
**Typical efficiency:**..... >98% (resistive load)  
**Typical transfer time:** ..... <5ms  
**MTBF(hours):**..... 150K+ as per Telcordia SR-232, 100% duty cycle, Full load

### Power Connector Options

#### 120Vac Model

	Input	Output
Standard	Terminal Block	Terminal Block
Optional	Terminal Block	Terminal Block + Dual 5-15R
	IEC*	IEC*

#### 230Vac Model

Standard	Terminal Block	Terminal Block
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\*FXM models with IEC connectors come with 4 lines LCD display instead of the traditional 2 lines display

### Agency Compliance

**Electrical safety:** .....UL1778, CSA C22.2 No. 107.3; EN62040-1

**Marks:**.....

**EMC:** ..... CFR47, Part 15 Subpart B, Class A; CES-003 Class A; EN62040-2

\*Ethernet SNMP card is standard on the 120Vac model and optional on the 230Vac model  
 \*\*\*CE applies to 230Vac version only

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