

Power

Alpha FXM 350

Line Interactive UPS Module



Alpha FXM 350

- › 350W/VA Total Output Uninterruptible Power Supply module in small form factor provides cost efficient solution for various applications
- › Multiple AC and DC output options, including 230Vac, 24Vac and 48/24/12Vdc makes this UPS suitable for applications with diverse loads*
- › External communication via USB port and Ethernet SNMP interface provides local or remote monitoring and control
- › Independently programmable control and reporting relays allow tracking and controlling of key functions
- › Wide Automatic Voltage Regulation (AVR) range allows continuous operation without transferring to backup mode during voltage surge or sag
- › A wide operating temperature range of -40 to 74°C (-40 to 165°F) is suitable for the most extreme operating environments
- › Optional distribution enables easy integration with both AC and DC devices

Alpha brings the class-leading features and functionality of its FXM product family to the exciting new FXM 350. Designed to address applications requiring lower output power and small footprints, the FXM 350 provides total output power of 350W and features multiple voltage outputs: 230Vac with optional 24Vac and/or DC output, enabling use across a broad range of voltage output requirements. A 12Vdc output via an optional distribution panel can also support multiple 12Vdc devices, while the new standard USB communication port provides improved connectivity. The FXM 350 also features Alpha's powerful new firmware which provides enhanced remote monitoring and control, including battery run time information. The FXM 350 - even more cost effective, but with the performance of the larger FXM's, and more.

*Some output voltages may require distribution; 48Vdc output requires 48V battery string

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Consult your Alpha representative for P/N configurations

Electrical

Battery string voltage:48/24Vdc

Input:

Voltage:Nominal 230Vac
Range: 150 to 328V
Current:.....1.6A nominal
Frequency:50Hz +/- 5Hz

Charger current:

0-6A selectable in 1A increments (24Vdc battery bus version)
0-4A selectable in 1A increments (48Vdc battery bus version)

Regulation:.....±10% over full input voltage range

Waveform:.....Pure sine wave

Output:

Voltage:230Vac, 24Vac, 24Vdc, 48Vdc*
Current:.....1.52A nominal
Power at 50°C:.....350 W/VA

*Some voltages may require distribution. Output voltages depend on specific unit. Contact your Alpha Sales Representative to determine the unit best suited to your needs.

Mechanical

Dimensions:

mm:.....89H x 340W x 198D
Inches:.....3½H x 13¾W x 7.8D
Weight:.....8.62kg (19lbs)

Environmental

Temperature range:..... -40 to 50°C (-40 to 122°F) de-rated up to 74°C

Humidity:.....15% to 95% RH non condensing

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

Performance

Typical output voltage THD: ...<5%

Typical efficiency:.....>95% (resistive load)

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

Agency Compliance

Electrical safety:.....UL1778, CSA22.2, No. 107.3, EN60950-1-2

Marks:  

EMI:FCC Class A / CISPR22