

Electrical

120Vac Model

Battery string voltage: 24Vdc/48Vdc

Nominal voltage: 120Vac

Frequency: 60Hz/50Hz±5% (auto detection)

Input:

Voltage range: 85 to 175Vac

Current: 5.8A nominal

Output:

Waveform: 5.4A nominal (no charge current)

Nominal voltage: +/- 10% over input voltage range

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

Power at 55°C: 650W/VA

Charge current: 10A max

230Vac Model

Battery string voltage: 24Vdc

Nominal voltage: 230Vac

Frequency: 60Hz/50Hz±5% (auto detection)

Input:

Voltage: 150 to 328Vac

Current: 3.0A nominal

Output:

Waveform: Pure sinewave

Nominal voltage: 230Vac

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

Agency Compliance

Electrical safety:UL1778, CSA 22.2 No 107.3-03

Marks: cCSA_{US} /CE**
Class A FCC/CISPR

EMI: [EN 50091-2:1995]

****CE applies to 230Vac version only**

Performance

Typical output voltage THD:<3%

Typical efficiency: >98% (resistive load)

Typical transfer time: <5ms