



Thor and Hercules Specifications

Input:

Wall Adapter Input Voltage: 85-264VAC, 47-63Hz

IEC Power Cords Available: US, Canada, Japan, UK, Europe, Australia, China, Malaysia, South Africa

Hercules and Thor Allowable DC Input Voltage (if wall adapter is not used): 48V DC

User Replaceable DC Input Fuse: Thor, 3A, 250V AC 5 x 20mm Slo-Blo.
Hercules, 6.3A, 250V AC 5 x 20mm Slo-Blo.

Output:

Frequency: User Selectable 50.0000Hz or 60.0000Hz

Frequency Tolerance: $\pm 0.0002\%$ Max

Waveform: Pure Sine Wave with $< 3\%$ THD

Voltage: User Selectable 115V AC or 230V AC (unfused)

Voltage Tolerance: Regulated, $\pm 3\%$

Maximum Continuous Output Power: Hercules 200 watts; Thor 100 watts.

Maximum Instantaneous Output Power: Hercules 240 watts; Thor 120 watts.
Please contact us if higher instantaneous power is needed.

Output Receptacle: Universal Yuadon® Receptacle with Integrated Safety Shutter

Packaging:

Enclosure: Context Engineering 6016 (Black Aluminum)

Enclosure Dimensions: 200mm (8") L x 154mm (6.15") W x 78mm (3.15") H

Weight: 3lbs 12oz

Wall Adapter: Mean Well GSM120A48-R7B (Thor) and SL Power TE240A48xxF01 (Hercules). Note: xx refers to output plug style, custom fitted at KCC Scientific.

Cord Length: 1000mm minimum

DC Plug: KPPX-4P Kycon

Voltage: 48V \pm 5%

Protection: Wall adapters use self-recovering “hiccup mode” shutdown when overloaded

General:

Wall Adapter meets Safety Specifications as outlined in IEC60601-1, TUV EN60601-1, ANSI/AAMI ES60601-1(3.1 version), CAN/CSA-C22.2 No. 60601-1:14 - Edition 3 approved. Also meets Conducted/Radiated Emissions per EN55011 (CISPR11) and EMC immunity per EN61000-4-2 through 11.

Frequency processor (main unit): Designed to UL and International Safety Standards, CE.

Indicators: Green LED indication for selected Voltage, Frequency, On/Off. Red LED indication for Overload condition (OL).

Remote Programmability: Set Voltage, Frequency, and Enable/Disable unit. Included Industrial Ethernet connector for all remote lines.

Input Grounding: Grounding Post and 7ft wire provided for auxiliary user earth ground.

Temperature Range: 0-40°C

Included Accessories: Phoenix Contact 1780493 (or alternate 1778874) Mating Plug for remote programming, one spare input fuse (3.15A @ 250V; IEC SLO 5x20mm for Thor; 6.3A @ 250V IEC SLO 5x20mm for Hercules)