

55 KVA / 130K(i) RATED, THREE PHASE

SureImage

IMAGING & MEDICAL SERIES

Power Distribution Unit

MODEL 600/M

POWER CONDITIONING PDU WITH ISOLATION

Designed specifically to provide power conditioning, isolation, and power distribution for "Medical OEM" equipment

The Model 600/M

Our **Model 600/M** PDU allows OEMs to overcome the challenges of providing power quality to all system components, regardless of voltage requirements and power demand. The **600/M** is a single-box solution providing voltage conversion, power conditioning, and OEM-specified output distribution ... **all in a space-saving footprint!**

The **Model 600/M** greatly simplifies site preparation and reduces installation cost ... and as a result of the clean power supplied, the performance and reliability of medical equipment is enhanced.

Our **Model 600/M** PDU includes a single main input circuit breaker, low impedance **double-shielded** isolation transformer, and surge protection; together with customized controls and distribution options **that allow OEM engineers to "build the perfect PDU" for each and every modality!**

Applications:

- Computerized Tomography (CT Scan)
- Magnetic Resonance Imaging (MRI)
- Linear Accelerator
- Other Imaging & Treatment Modalities



UL 60601-1 Listed

C-UL Listed to CSA C22.2 No. 601.1-M90, 2005



55 KVA / 130K(i) rated model shown.

Note: K(i) rating refers to the intermittent KVA or momentary power demand rating.



CONTROLLED POWER COMPANY

INTEGRATED, ONE-BOX OEM SOLUTION

Features & Benefits

- Intermittent K(i) to continuous KVA ratio of 3:1 or lower. This conservative transformer design approach permits longer operation at intermittent K(i) ratings to meet the momentary power demands of medical equipment.
- Multiple input voltage taps are easily accessed and selected to accommodate any site's power source.
- Multiple output voltages available at OEM-specified KVA / K(i) levels.
- Custom controls available to facilitate local and remote on / off features, and emergency power (EPO / REPO) shutdown.
- OEM-specified output power distribution.
- Input surge protection.
- Output TVSS and high frequency noise filters with fuse failure indicators.
- Heavy-duty casters for convenient placement ... leveling feet and seismic brackets for secure installation.

Example Specification

The following specification is for the 55 KVA / 130K(i) model pictured in this brochure. **Specifications will vary based on OEM requirements. Customizable items may include input and output voltages, output power ratings, and controls.**

- Input Voltage: 200/208/240/380/415/440/460/480/500 VAC, 3 Phase, Delta
- Input Frequency: 50/60 Hz, +/- 3 Hz
- Input Circuit Breaker: Adjustable electronic circuit breaker, 250 amp frame
- Controls: 24VAC shunt trip control of input CB for emergency power off (local & remote) and over temperature shutdown
- Output Voltages: 480/277 and 400/230 VAC, 3 Phase, Wye
- Output Power Rating: 55 KVA / 130K(i) total
- Output Impedance: 2% typical
- Load Regulation: $\leq 2\%$ at each nominal output voltage, no load to full load, continuous KVA rating
- Electrostatic Shielding: Two (2) full length copper foil shields
- Common Mode Noise Attenuation: 126 dB
- Transverse Mode Noise Attenuation: 3 dB down at 1 KHZ, decaying 40 dB per decade
- Operating Temperature: 0° to 40° C
- Audible Noise: ≤ 50 dBA at 1 meter
- Efficiency: 97 - 98% typical
- Weight: 988 lbs.
- Dimensions: 22"W x 26"D x 49.5"H

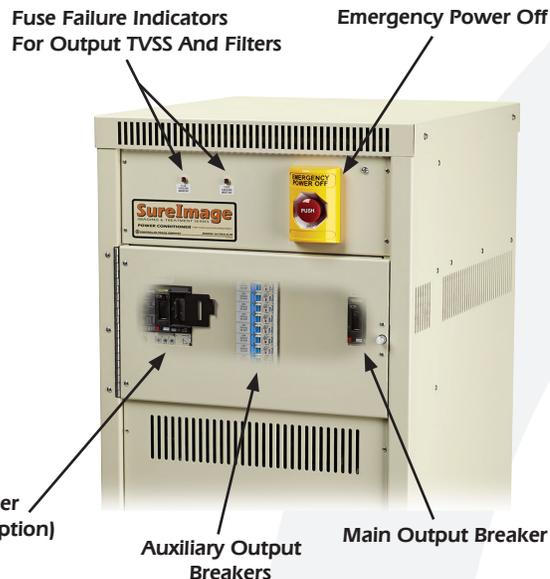
Output Distribution Options

The input / output conduit landings pictured, represent one of many configurations available that include hardwired connections, as well as flush-mounted medical-grade receptacles. All output distribution circuits are individually protected with their own circuit breaker.

Warranty: This product is guaranteed to be free from defects in material and workmanship for a period 2 years following shipment from factory. Optional, extended warranty and maintenance contracts are available — consult factory.



All information and data within this brochure is subject to change without notice.
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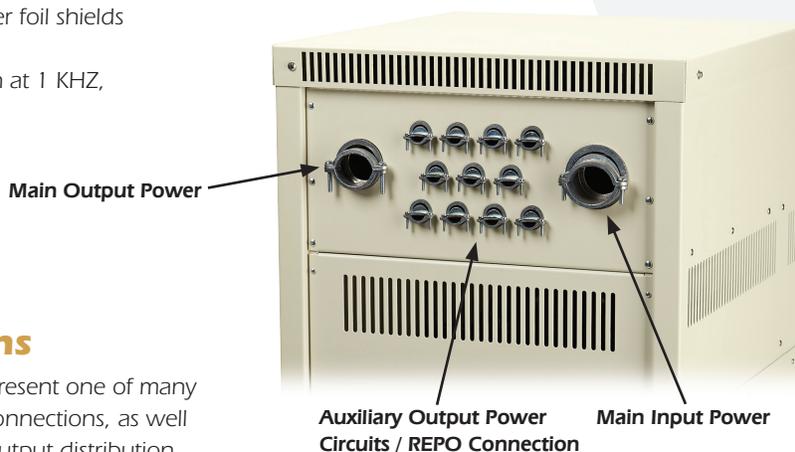


Example of customizable output distribution breakers.

Agency Approvals / Standards

- Listed to UL 60601-1; C-UL Listed to CSA C22.2 No. 601.1-M90, 2005
- Optional CE Mark and other international compliance available; consult factory.
- ANSI / IEEE C57.110 Nonsinusoidal Load Currents
- ANSI / IEEE C62.41 Category B-3 Surge Capability
- ANSI / IEEE 519 Harmonic Limits
- NFPA 70 National Electric Code (NEC)
- FCC Class A Limits, 47 C.F.R. Part 15, Subparts A, B

Example of customizable output distribution interface.



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