

CSA/UL/IEC
60601-1



Series: 2400VA Universal
Model Number: PM-09241-00

Plitron Manufacturing Inc. Medical PIUs (Power Isolation Units) provide the ultimate in AC power conditioning and low leakage current utilizing unique toroidal transformer technologies from PLITRON with the best surge suppression.

Medical PIUs use series-mode surge removal filters to absorb dangerous voltage surges and safely dissipate them without using failure-prone MOVs (metal oxide varistors). Also, unlike MOV-based protection, voltage surges are not shunted to ground.

Technical Specs:

Input Voltage and Frequency:

Rated 100-120-230/240VAC selectable, 50/60Hz.
Range +/- 10%V, 47-63Hz

Input Current: 16.0A@100V, 16.0A@120V,
10.4A@230V, 10.0A@240V.

Input (inlet) connector Rear panel: IEC Inlet

Leakage Current: 90µA (Measured at 110% Rated Voltage)

Load Regulation: 2.00%

Output voltage: 100-120-230/240VAC, selectable

Output Current: 16.0A@100V, 16.0A@120V,
10.4A@230V, 10.0A@240V.

Output connector: IEC Outlets

Surge Suppression: Surges of up to 6000volts
(1.2 X 50µSec industry standard rating), with the
clamping voltage onset of 344volts peak.

Operating Temperature: 25° C Ambient
Maximum case temperature 55°C

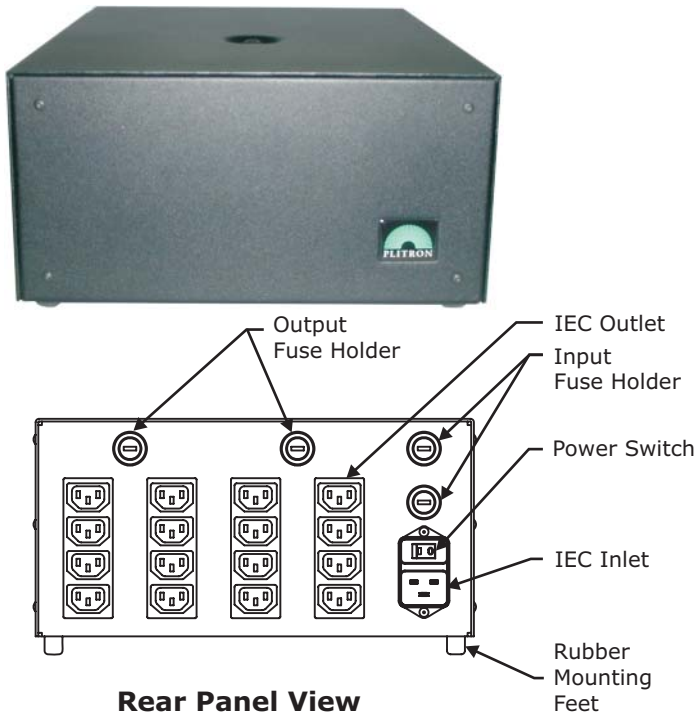
Weight: 101.4lbs (46.1Kg)

Size:

(width x height x length)(inch): 12.2x6.6x15.3

(width x height x length)(mm): 315x170x390

Dimensions are approximate.



Rear Panel View

Applicable Regulatory Approvals

CAN/CSA C22.2 No 0-M91	-	General Requirement Canadian Electrical Code, Part II
CAN/CSA C22.2 No 601.1 - M90	-	Medical Electrical Equipment Part I : General Requirement for Safety
CAN/CSA C22.2 No 601.1S1 - 94	-	Supplement No. 1-94 to 601.1 - M90
CSA 601.1 Amendment 2:1998	-	
UL 60601-1	-	Medical Electrical Equipment Part I : General Requirement for Safety
IEC 60601-1:1998	-	Medical Electrical Equipment Part I : General Requirement for Safety, including Amendment 1 (1991) and Amendment 2 (1995)

**Medical
PIU**

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