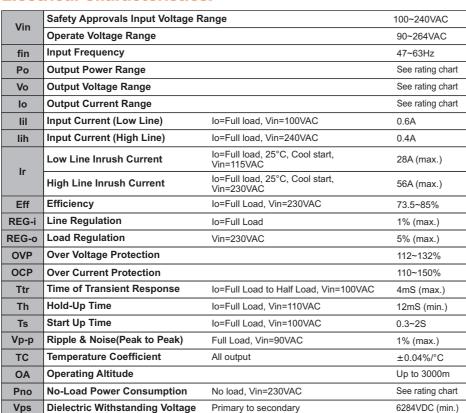
MPU32A series

30W Desk Top Type **Medical Power Supplies**

Features:

- Wide Operating Voltage 90 to 264 VAC,47 to 63 Hz
- IEC-320-C18 Input Inlet
- Single Output
- Over Voltage and Over Load protection
- ANSI/AAMI ES 60601-1: 2005(UL/cUL 3rd Edition) EN 60601-1:2006 (TUV/T-mark 3rd Edition)
- Input to Output : 2MOPP
- Energy Star 2.0, Efficiency level V
- Class II
- 3 year warranty





Note: The specifics for testing the energy efficiency of MPU32 Series are outlined in a separate document titled "Test Method for Calculating the Energy Efficiency of Single-Voltage External Ac-Dc and Ac-Ac Power Supplies (August 11, 2004)," which is available on the ENERGY STAR Website.

Environmental

То	Operating Temperature	See derating crve
Ts	Storage Temperature	-40~85°C
Но	Operating Humidity	0~95%
Hr	Storage Humidity	0~95%
MTBF	Operating Temperature at 25°C, Calculated per MIL-HDBK-217F	0.1M Hrs (min.)
Pd	Derate linearly from 100% load at 50°C to 50% load at 70°C	



Application:

- Blood Pressure system
- Portable medical devices
- FCG machine

Safety Approvals:













MPU32A series

30W Desk Top Type

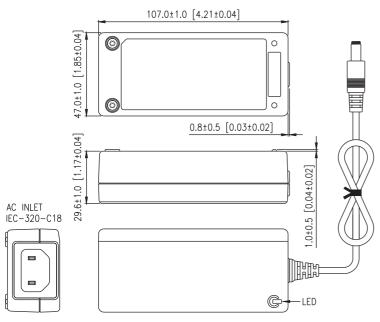
Medical Power Supplies

Output Voltage And Current Rating Chart (Single Output):

Model Number	Output Voltage	Output Current	Total Regulation	Max. Output Power	Pno (max.)
MPU32A-102	5 ~ 6 VDC	4.00 ~ 3.33 A	5%	20W	0.3W
MPU32A-103	6 ~ 8 VDC	3.83 ~ 2.87 A	5%	23W	0.3W
MPU32A-104	8 ~ 11 VDC	3.38 ~ 2.45 A	5%	27W	0.3W
MPU32A-105	11 ~ 13 VDC	2.74 ~ 2.30 A	5%	30W	0.3W
MPU32A-106	13 ~ 16 VDC	2.30 ~ 1.88 A	5%	30W	0.3W
MPU32A-107	16 ~ 21 VDC	1.88 ~ 1.43 A	5%	30W	0.3W
MPU32A-108	21 ~ 27 VDC	1.43 ~ 1.11 A	5%	30W	0.3W
MPU32A-109	27 ~ 33 VDC	1.11 ~ 0.91 A	3%	30W	0.3W
MPU32A-110	33 ~ 40 VDC	0.91 ~ 0.75 A	3%	30W	0.3W
MPU32A-111	40 ~ 48 VDC	0.75 ~ 0.63 A	3%	30W	0.3W

MPU32A-102~104 are required to use AWG#16/4FT output cable. MPU32A-105~111 are required to use AWG#18/6FT output cable. The regulation and efficiency will be changed by modified output cable.

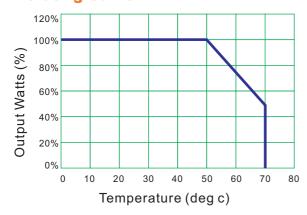
Mechanical Specifications:



Note:

- 1. Dimensions are shown in mm.
- 2. Weight: 265-280gs approx.
- 3. Optional output connector: See page Appendix.

Derating Curve:



- 1. Operating Temperature: 0 to 70°C
- 2. Derate linearly from 100% load at 50°C to 50% load at 70°C