

## 63 Watt, MPU60A Series, Medically Approved Desktop PSU

**ALL PSU LTD**  
Electronic Power Solutions

- Universal Input
- 12 V to 36V Single Output Models
- UL/cUL 60601-1, EN60601-1 Approved
- High Reliability 100% Full Load Burn In
- Over Load, Over Voltage Protection
- Full Approvals: UL/cUL/TUV/CE/CB
- 3 Year Warranty
- Class I Insulation (Option for Class II)
- Optional Output Connectors
- Optional AC Inlets – C14, C8 or C6



### Specification

Input Voltage.....	90~264 VAC, 47~63 Hz
Input Current.....	0.72 A @ 230 VAC, 1.62 A @ 115 VAC (full load)
Output Voltage.....	See tables below
Over Load Protection.....	110~150% of maximum rated current
Over Voltage Protection.....	112~132% of output voltage
Line Regulation.....	1% Max @ full load
Load Regulation.....	+/-5% Max @ 230 VAC input
Hold Up Time.....	16 ms @ 110 VAC input (full load)
Leakage Current.....	Max 0.1mA @ 240 VAC input and full load
Isolation Voltage.....	I/P-O/P: 4 kVAC, I/P-FG: 2 kVAC
Operating Temperature.....	0 to +70 °C, derates from 100% load @ +50°C to 50% load @ +70°C
Safety Standards.....	UL/cUL-60601-1, EN60601-1
EMC Standard.....	EN55011 Class B, FCC Part 18 class B CISPR-11 level B, EN61000-3-2 EN61000-4-2, 3, 4, 5, 6, 8, 11
Energy Efficiency.....	CEC Level V, Energy Star 2.0
MTBF.....	>100 khrs (MIL-HDBK-217F) @ 25 °C
Weight.....	Approx 0.330 ~ 0.380 kg each
Dimensions.....	131.3(L) x 55.4(W) x 37(H) mm

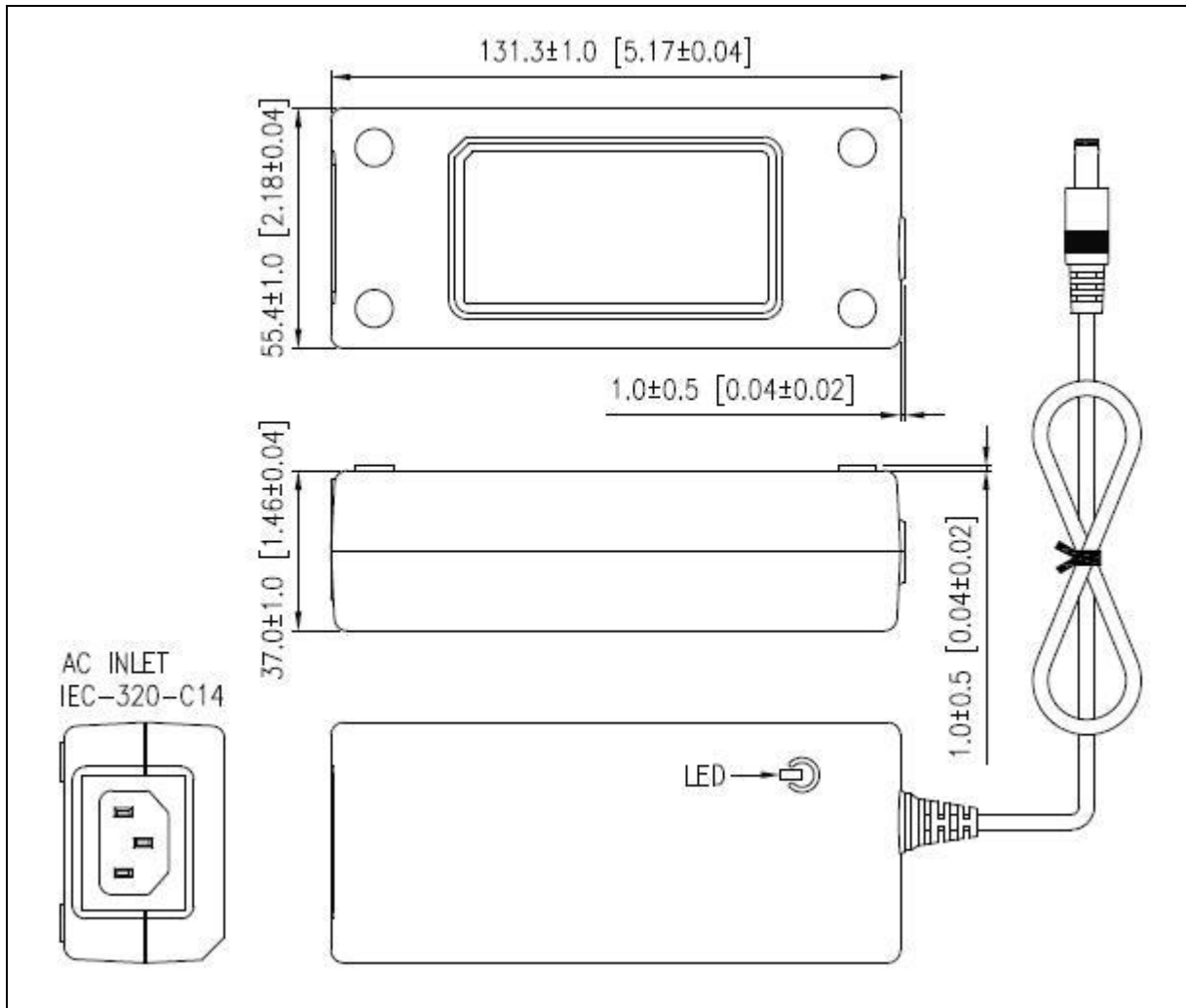
### Models & Ratings

Model	Output Voltage	Output Current	Max. Output Power
<a href="#">MPU60A-105</a>	12 V	5.25 A	63 W
<a href="#">MPU60A-106</a>	15 V	4.20 A	63 W
<a href="#">MPU60A-107</a>	18 V	3.50 A	63 W
<a href="#">MPU60A-108</a>	24 V	2.62 A	63 W
<a href="#">MPU60A-109</a>	30 V	2.10 A	63 W
<a href="#">MPU60A-110</a>	36 V	1.75 A	63 W

See next page for mechanical and connector details

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Mechanical Details



Output Connector can be customer specified for either single or multi pin connectors. Most common type is positive centre 2.1 x 5.5 x 11mm straight barrel type.

Output Cable :

MPU60A-105 to 107, 2 core 1200mm long

MPU60A-108 to 110, 2 core 1800mm long

Alternate output cables are available but could affect regulation specifications

Specifications may change without notice, E&OE. ALL PSU Terms & Conditions apply.

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