

- Universal Input With PFC
- 12V or 24V Single Output Models
- Convection Cooled To Full Power
- High Reliability 100% Full Load Burn In
- Short Circuit, Over Load, Over Voltage Protection
- Full Approvals: UL/cUL/TUV/CE
- 3 Year Warranty
- Low Profile Compact 5x3" Footprint
- **Medically Approved**



Specification

Input Voltage.....	100~240 VAC, 47~63 Hz
Input Current.....	0.8 A @ 230 VAC, 2.1 A @ 115 VAC
Output Voltage.....	See table below (plus +/-5% adjustment range)
Over Load Protection.....	110~150% of rated current (auto-recovery)
Over Voltage Protection.....	112~132% of output voltage
Efficiency.....	Typically 87% (dependent on unit)
Line Regulation.....	0.5% typically
Load Regulation.....	+/-3% typical @ 230 VAC input
Hold Up Time.....	16 ms @ 110 VAC input
Leakage Current.....	0.075 mA (0.1 mA max.) @ 240 VAC input and full load
Isolation Voltage.....	I/P-O/P: 4 kVAC, I/P-FG: 2 kVAC
Operating Temperature.....	0 °C to +70 °C (derating from 50°C to 50% load at 70°C)
Safety Standards.....	UL60601-1, TUV EN60601-1,CE
EMC Standard.....	EN55011 Class B, EN61000-3-2, 3, EN61000-4-2, 3, 4, 5, 6, 8, 11
MTBF.....	>100 khrs (MIL-HDBK-217F) @ 25 °C
Weight.....	Approx 0.42 kg each
Dimensions.....	127(L) x 76.2(W) x 36.6(H) mm

Models & Ratings

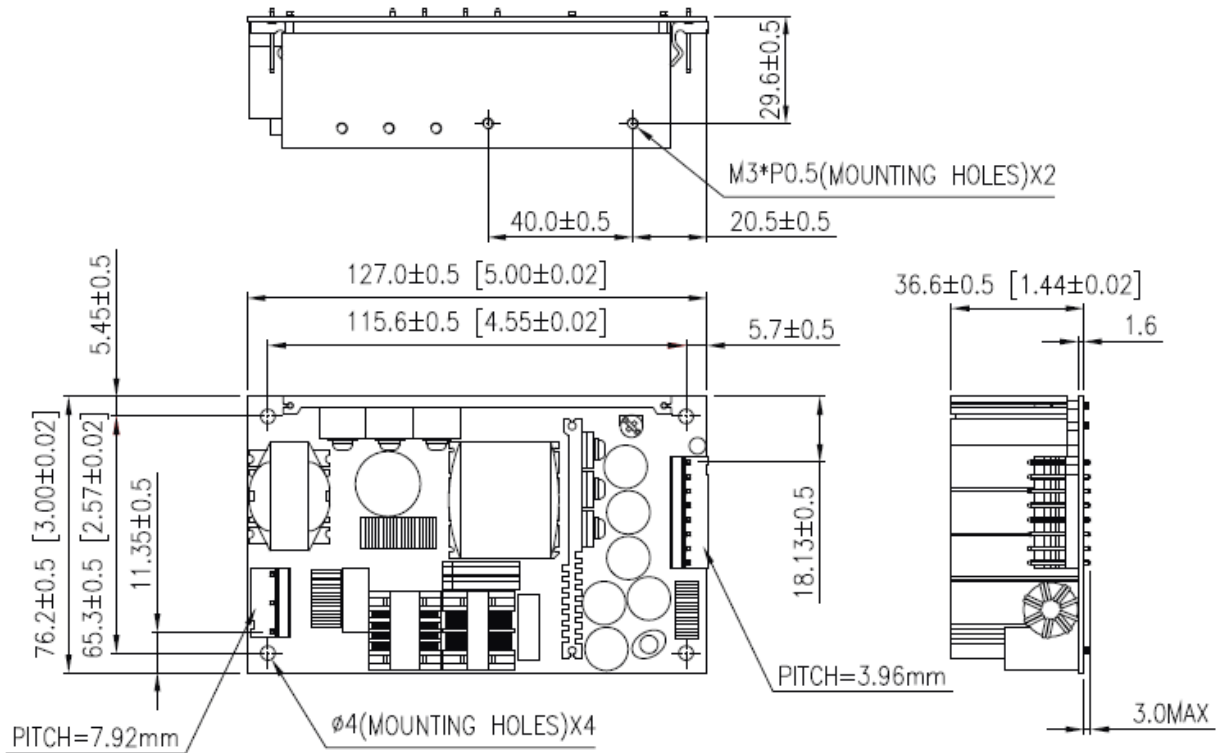
Model	Output Voltage	Output Current	Maximum Output Power
MBU150-105	12 V	12.5 A	150 W
MBU150-108	24 V	6.25 A	150 W

Notes:

- 1) Optional 2 pin input connector available, change part number to MBU151-xxx
- 2) Non standard output voltages may also be available - contact sales office
- 3) All models are also available in U-Channel chassis part number changes to: **MUU150-xxx**

See next page for mechanical details

Mechanical Details



Input connector mates with Molex 09-50-3051 and 2478 series crimp terminals
 Output connector mates with Molex 09-50-3081 and 2478 series crimp terminals

Pinout (Output Connector)

Pin	Function
1	V1
2	V1
3	V1
4	V1
5	Return
6	Return
7	Return
8	Return

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

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