

# 180 Watt, SUU180 Series, U-Channel Chassis, Single Output

**ALL PSU LTD**  
Electronic Power Solutions

- Universal Input With PFC
- 12V, 24V 48V Single Output Models
- Convection Cooled, Full Power to 50°C
- High Reliability 100% Full Load Burn In
- Over Load, Over Voltage Protection
- Full Approvals: UL/cUL/TUV/CB/CE
- 2 Year Warranty
- Low Profile Compact U-Channel Chassis



## Specification

Input Voltage.....	90~264 VAC, 47~63 Hz
Input Current.....	0.9 A @ 230 VAC, 2.3 A @ 115 VAC
Output Voltage.....	See table below
Over Load Protection.....	110~150% of rated current (auto-recovery)
Over Voltage Protection.....	112~132% of output voltage
Efficiency.....	85-90% (dependent on model)
Line Regulation.....	0.5% typically
Load Regulation.....	+/-3% typical @ 230 VAC input
Hold Up Time.....	Min 16 ms @ 110 VAC input
Leakage Current.....	0.5 mA (0.75 mA max.) @ 240 VAC input and full load
Isolation Voltage.....	I/P-O/P: 4.2 kVDC, I/P-FG: 2.1 kVDC
Operating Temperature.....	0 °C to +70 °C (derating to 50% at 70 °C)
Safety Standards.....	UL60950-1, TUV EN60950-1
EMC Standard.....	Class B
MTBF.....	>100 khrs (MIL-HDBK-217F) @ 25 °C
Weight.....	Approx 0.52 kg each
Dimensions.....	127(L) x 81.6(W) x 39.2(H) mm

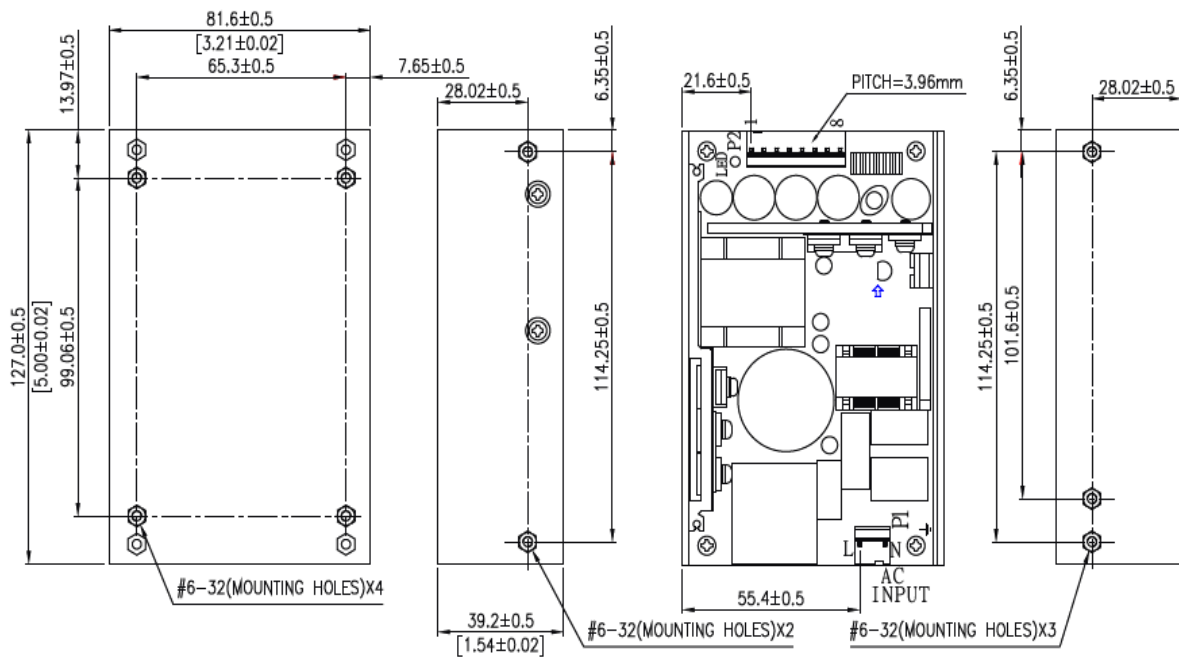
## Models & Ratings

Model	Output Voltage	Maximum Output Current	Maximum Output Power
SUU180-105	12 V	14.58 A	175 W
SUU180-108	24 V	7.5 A	180 W
SUU180-111	48 V	3.75 A	180 W

See next page for mechanical details

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## 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	Return
2	Return
3	Return
4	Return
5	V Out
6	V Out
7	V Out
8	V Out

L-Bracket Chassis option also available, this reduces unit width to 79.6mm

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