

- Universal Input
- Dual and Triple Outputs
- 100% Full Load Burn In
- Short Circuit, Over Load, Over Voltage Protection
- Full Approvals: UL/CUL/TUV/CB/CE
- 2 Year Warranty



## Specification

Input Voltage.....	90~264 VAC, 47~63 Hz
Input Current.....	1.0 A @ 230 VAC, 2 A @ 115 VAC
Output Voltage.....	See table below
Over Load Protection.....	110~150% of rated current
Over Voltage Protection.....	112~132% of output 1 voltage
Efficiency.....	70-85% (dependent on unit)
Line Regulation.....	0.5% typically @ full load
Load Regulation.....	+/-5% typical @ 230 VAC input
Hold Up Time.....	16 ms @ 110 VAC
Leakage Current.....	0.4 mA (0.75 mA max.) @ 240 VAC input and full load
Isolation Voltage.....	I/P-O/P: 3 kVAC, I/P-FG: 1.5 kVAC
Operating Temperature.....	0 °C to +70 °C (100% load to 50 °C, derate to 50% @ 70 °C)
Safety Standards.....	UL/cUL60950-1, TUV EN60950-1, CE
EMC Standard.....	Class B
MTBF.....	>100 khrs (MIL-HDBK-217F) @ 25 °C
Dimensions.....	127(L) x 81.35(W) x 35.1(H)

## Models & Ratings

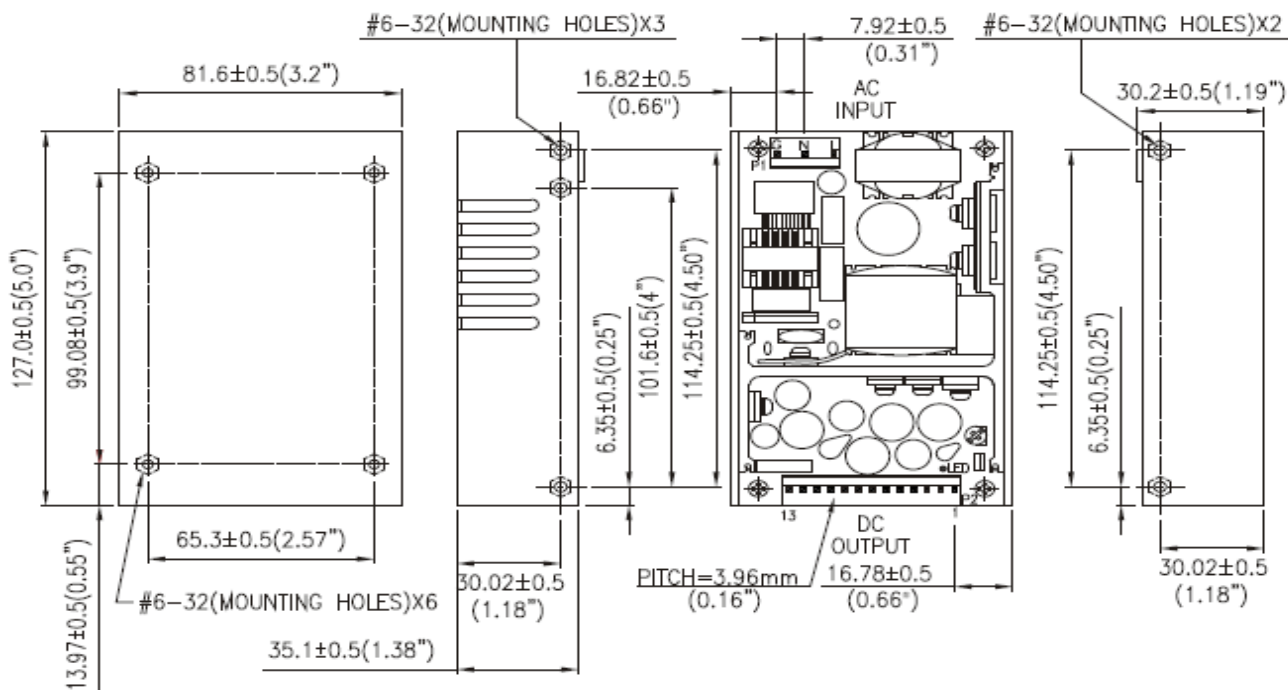
Model	Output 1	Output 2	Output 3	Maximum Output Power
<a href="#">SUU80-200</a>	3.3 V / 12 A	12 V / 5 A		80 W
<a href="#">SUU80-201</a>	5 V / 12 A	12 V / 5 A		80 W
<a href="#">SUU80-202</a>	5 V / 12 A	15 V / 5 A		80 W
<a href="#">SUU80-203</a>	5 V / 12 A	24 V / 3 A		80 W
<a href="#">SUU80-204</a>	3.3 V / 12 A	5 V / 5 A		64.6 W
<a href="#">SUU80-215</a>	5 V / 12 A		-24 V / 2 A	80 W
<a href="#">SUU80-300</a>	3.3 V / 12 A	12 V / 5 A	-12 V / 0.8 A	80 W
<a href="#">SUU80-301</a>	5 V / 12 A	12 V / 5 A	-5V / 0.8 A	80 W
<a href="#">SUU80-302</a>	5 V / 12 A	12 V / 5 A	-12 V / 0.8 A	80 W
<a href="#">SUU80-303</a>	5 V / 12 A	15 V / 5 A	-15 V / 0.8 A	80 W
<a href="#">SUU80-304</a>	5 V / 12 A	24 V / 3 A	-24 V / 0.8 A	80 W
<a href="#">SUU80-305</a>	5 V / 12 A	24 V / 3 A	-12 V / 0.8 A	80 W
<a href="#">SUU80-306</a>	3.3 V / 12 A	12 V / 5 A	-5 V / 0.8 A	80 W
<a href="#">SUU80-307</a>	5 V / 12 A	10 V / 5A	-10 V / 1 A	80 W
<a href="#">SUU80-308</a>	3.3 V / 12 A	5 V / 5 A	-12 V / 1 A	76.6 W

Please see next page for notes on models and mechanical details

**Notes:**

- 1) Many other output combinations are available - please contact sales office for further information
- 2) A 10% minimum load is required on outputs 1 and 2 to maintain the regulation of +/-5%
- 3) For a 2 pin input version change part number to SUU81-xxx
- 4) Industrial versions available with an operating temperature down to -20 °C and/or screw terminals, contact sales office for more details
- 5) Open Frame versions are available, change part number to SBU80-xxx

**Pinout and Mechanical Details**



Pinout (Output Connector)		
Pin	Dual Output	Triple Output
1	Output 2	Output 2
2	Output 2	Output 2
3	Output 1	Output 1
4	Output 1	Output 1
5	Output 1	Output 1
6	Output 1	Output 1
7	Common	Common
8	Common	Common
9	Common	Common
10	N/C	Output 3
11	Common	Common
12	Common	Common
13	N/C	N/C

**Notes :**

- 1) Input connector mates with Molex housing 09-50-3051 and Molex 2478 crimp terminals.
- 2) Output connector mates with Molex housing 09-50-3131 and Molex 2478 crimp terminals

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