

- Universal AC Input
- 5V to 50V Single Output Range Across Models
- Compact 4 x 2" Footprint
- 100% Full Load Burn In
- Input Surge Current, Over Load, Over Voltage Protection
- 2 Year Warranty
- Molex Input, Screw Terminal Output Connections



Specification

Input Voltage.....	90~264 VAC, 47~63 Hz
Input Current...(full load).....	0.5 A @ 230 VAC, 0.8 A @ 115 VAC
Output Voltage.....	See table below (factory set voltage within range)
Over Load Protection.....	110~150% of rated current
Over Voltage Protection.....	112~132% of output voltage
Line Regulation.....	0.5% typical @ full load
Load Regulation.....	+/-3% typical @ 230 VAC input
Hold Up Time.....	12 ms @ 110 VAC, Full Load
Isolation Voltage.....	I/P-O/P: 3 kVAC,
Operating Temperature.....	0 °C to +70 °C (100% load to 40 °C, derate to 50% @ 70 °C)
Safety Standards.....	CE
EMC Standard.....	Class B
Dimensions.....	101(L) x 50.8(W) x 27.6(H)
Connections.....	Input plug in, Output screw terminals

Models & Ratings (single output models)

Model	Output Voltage	Voltage Range (Factory Settable)	Maximum Output Current	Maximum Output Power
SBU30-101	3.3 V	3.0 V - 5.0 V	5.0 A – 3.00 A	15 W
SBU30-102	5 V	5.0 V - 6.0 V	4.0 A – 3.33 A	20 W
SBU30-103	7 V	6.0 V - 8.0 V	4.0 A – 3.00 A	24 W
SBU30-104	9 V	8.0 V - 11.0 V	3.75 A – 2.72 A	30 W
SBU30-105	12 V	11.0 V - 13.0 V	2.72 A – 2.30 A	30 W
SBU30-106	15 V	13.0 V - 16.0 V	2.30 A – 1.87 A	30 W
SBU30-107	19 V	16.0 V - 21.0 V	1.87 A – 1.42 A	30 W
SBU30-108	24 V	21.0 V - 27.0 V	1.42 A – 1.11 A	30 W
SBU30-109	30 V	27.0 V - 33.0 V	1.11 A – 0.90 A	30 W
SBU30-110	36 V	33.0 V - 40.0 V	0.90 A – 0.75 A	30 W
SBU30-111	48 V	40.0 V - 50.0 V	0.75 A – 0.60 A	30 W

Note : Actual maximum output current depends on output voltage set point and maximum output power, for example for Model SBU30-105 if supplied with 12 Volts output maximum output current would equal 2.5 Amps, (30 Watts divided by 12 Volts = 2.5 Amps).

See next page for Dual output models & mechanical details

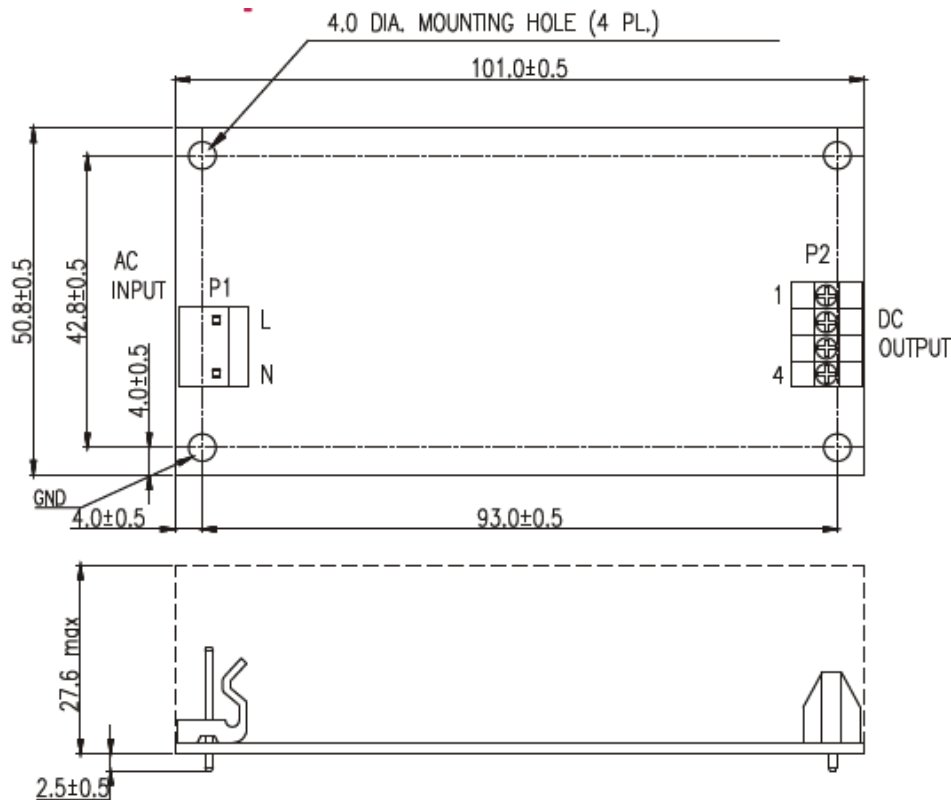
Dual Output Models

Model	Output 1	Output 2	Maximum Output Power
SBU30-200	3.3 V / 0.6~3 A	12 V / 0.2~1.25 A	24.9 W
SBU30-201	5 V / 0.6~3 A	12 V / 0.25~1.25 A	30 W
SBU30-202	5 V / 0.6~3 A	15 V / 0.2~1 A	30 W
SBU30-203	5 V / 0.6~3 A	24 V / 0.12~0.62 A	30 W
SBU30-204	3.3 V / 0.6~3 A	5 V / 0.3~1.5 A	17.4 W
SBU30-205	5 V / 0.6~3 A	36 V / 0.1~0.42 A	30.12 W
SBU30-208	9 V / 0.4~2 A	-9 V / 0.2~1.33 A	30 W
SBU30-209	12 V / 0.2~2 A	-12 V / 0.05~0.5 A	30 W

Mechanical Details

Notes :

- 1: Dimensions are shown in mm
- 2: Input connector mates with Molex housing 09-50-3031 and Molex 2478 series crimp terminals or equivalents
- 3: Output connector mates with Lead Wire



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

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