

## 150 Watt, SBU150 Series, (Single Output, Open Frame)

**ALL PSU LTD**  
Electronic Power Solutions

- Universal AC Input
- 9V to 48V Output Range Across Models
- Very Compact Size, 5x3" Footprint.
- 100% Full Load Burn In
- Input Surge Current, Over Load, Over Voltage Protection
- Full Approvals: UL/cUL/TUV/CB/CE
- 2 Year Warranty
- Molex Input and Output Connections



### Specification

Input Voltage.....	90~264 VAC, 47~63 Hz
Input Current...(full load).....	Max 0.8 A @ 230 VAC, 2 A @ 115 VAC
Output Voltage.....	See table below for models
Over Load Protection.....	110~150% of rated current
Over Voltage Protection.....	112~132% of output voltage
Line Regulation.....	0.5% typically @ full load
Load Regulation.....	+/-3% typical @ 230 VAC input
Hold Up Time.....	16 ms @ 110 VAC, Full Load
Leakage Current.....	0.5 mA (0.75 mA max.) @ 240 VAC input and full load
Isolation Voltage.....	I/P-O/P: 3 kVAC,
Operating Temperature.....	0 °C to +70 °C (100% load to 50 °C, derate to 50% @ 70 °C)
Extended Temperature Option.....	-20°C Operation, on IBU150 version
Safety Standards.....	UL/cUL 60950, CE, EN60950-1
EMC Standard.....	Class B
Dimensions.....	127(L) x 76.2(W) x 35.56(H)
Mechanical Options.....	U-Channel chassis & top cover

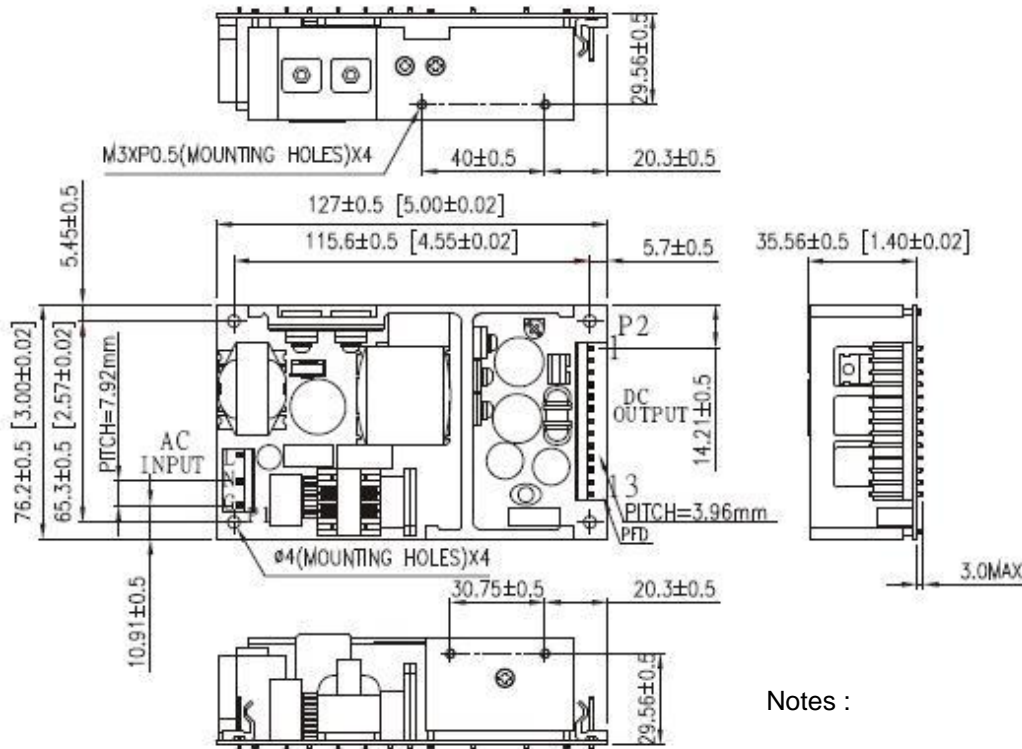
### Models & Ratings

Model	Output Voltage	Maximum Output Current	Maximum Output Power
<a href="#">SBU150-104</a>	9 V	16 A	144 W
<a href="#">SBU150-105</a>	12 V	12.5 A	150 W
<a href="#">SBU150-106</a>	15 V	10 A	150 W
<a href="#">SBU150-107</a>	18 V	8.33 A	150 W
<a href="#">SBU150-108</a>	24 V	6.25 A	150 W
<a href="#">SBU150-109</a>	30 V	5 A	150 W
<a href="#">SBU150-110</a>	36 V	4.17 A	150 W
<a href="#">SBU150-111</a>	48 V	3.13 A	150 W

See next page for mechanical details

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**Mechanical Details**



Dimensions are in mm (inches)

**Notes :**

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

Output Connections	
Pin	Single Output
1	+ DC Output
2	+ DC Output
3	+ DC Output
4	+ DC Output
5	+ DC Output
6	+ DC Output
7	RTN
8	RTN
9	RTN
10	RTN
11	RTN
12	RTN
13	PFD (optional)

PFD = Power Fail Detect Signal

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

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