

FEATURES

- 2 Year Warranty
- Class I Insulation
- Internal EMI Filter
- 3-pin Input Connector
- Power Factor Correction
- Synchronous Rectification
- Power Fail Detect (Optional)
- Over Voltage Protection (Crowbar Design)
- Input Surge Current and Over Load Protection
- Output Voltage Available from 9VDC thru 48VDC
- 2-pin Input Connector Available (See PSSUU151 Series)





SPECIFIC	ATIONS:	PSSUU150) Series

All specifications are based on 25°C, Nominal Input Voltage, and Maximum Output Current unless otherwise noted. We reserve the right to change specifications based on technological advances.

SPECIFICATION	TEST CONDITIONS	Min	Nom	Max	Unit
INPUT (V _{in})					
Operating Voltage Range		90		264	VAC
Input Frequency		47		63	Hz
Input Current (Low Line)	Io = Full Load, Vin = 115VAC			2.0	Α
Input Current (High Line)	Io = Full Load, Vin = 230VAC			0.8	Α
Inrush Current (Low Line)	Io = Full Load, 25°C, Cool Start, Vin = 115VAC		16	20	Α
Inrush Current (High Line)	Io = Full Load, 25°C, Cool Start, Vin = 230VAC		56	63	Α
Safety Ground Leakage Current	Io = Full Load, Vin = 240VAC		0.5	0.75	mA
Start-Up Time	Io = Full Load, Vin = 100VAC	0.3	1	2	S
OUTPUT (V _o)					
Output Voltage Range			See Rat	ing Chart	
Load Regulation	Vin = 230VAC		3	5	%
Line Regulation	Io = Full Load		0.5	1	%
Output Power	Vin = 90 to 264VAC			150	W
Output Current Range			See Rat	ing Chart	
Ripple & Noise (peak to peak)	Full Load, Vin = 90VAC		0.5	1	%
Transient Response	lo = Full Load to Half Load, Vin = 100VAC			4	ms
Hold-Up Time	Io = Full Load. Vin = 110VAC	16			ms
PROTECTION	10 1 311 2333, 711 1101113				
Over Voltage Protection		112		132	%
Over Current Protection		110		150	%
GENERAL					,,,
Efficiency	lo = Full Load. Vin = 230VAC	85	88	90	%
Dielectric Withstanding Voltage					
For Primary to Secondary	Primary to Secondary	4242			VDC
Dielectric Withstanding Voltage	B: 4.0 4	0404			\
For Primary to Ground	Primary to Ground	2121			VDC
Isolation Resistance	Test Voltage = 500VDC	50			ΜΩ
Power Factor Correction	Io = Full Load, Vin = 90~260VAC	0.95	0.97	1.0	
ENVIRONMENTAL					
Operating Temperature	Derate linearly from 100% Load at 50°C to 50% load at 70°C	0		+70	°C
Storage Temperature	,	-40		+85	°C
Relative Humidity		5		95	%
Temperature Coefficient	All Outputs	-0.04		+0.04	%/°C
PHYSICAL					
Weight		А	pproximate	ly 560 gra	ms
Dimensions			.) x 81.6 (W		
Warranty		\-	2	,	years
SAFETY					,
EMI Requirements for CISPR-22	Vin = 220VAC	В			Class
EMI Requirements for FCC PART-15	Vin = 110VAC	В			Class
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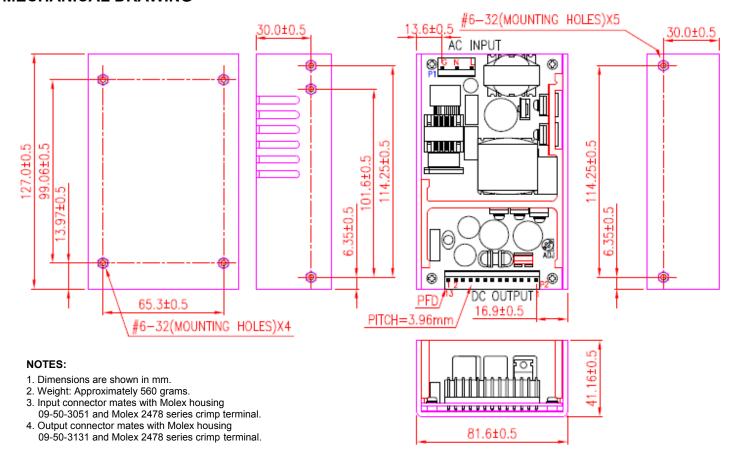
OUTPUT VOLTAGE / CURRENT RATING CHART

Model Number	Preset Voltage	Output Current	Total Regulation	Maximum Output Power
PSSUU150-104	9 VDC	16.0 A	5%	144 W
PSSUU150-105	12 VDC	12.5 A	5%	150 W
PSSUU150-106	15 VDC	10.0 A	5%	150 W
PSSUU150-107	18 VDC	8.33 A	4%	150 W
PSSUU150-108	24 VDC	6.25 A	3%	150 W
PSSUU150-108-27V	27 VDC	5.50 A	3%	150 W
PSSUU150-109	30 VDC	5.00 A	2%	150 W
PSSUU150-110	36 VDC	4.17 A	2%	150 W
PSSUU150-111	48 VDC	3.13 A	2%	150 W

NOTES

- 1. Mechanical Drawing: Dimensions are shown in millimeters.
- 2. Weight of the unit is approximately 560 grams.
- 3. Input connector mates with Molex housing 09-50-3051 and Molex 2478 series crimp terminal.
- Output connector mates with Molex housing 09-50-3131 and Molex 2478 series crimp terminal.
- 5. 2 pin input connector available: See PSSUU151 Series.

MECHANICAL DRAWING



PIN	1	2	3	4	5	6	7	8	9	10	11	12	13 (Optional)
PSSUU150-1XX	OUT	OUT	OUT	OUT	OUT	OUT	RTN						