



- Wide Input Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Single Output
- Class I
- Power Consumption (No load) < 0.5
- LPS Efficiency Level IV
- Over Voltage Protection (Crowbar Design)



Model Number	Output Voltage	Output Amps	Output Peak Current	O/P Connector
SPU68-105	12 Volts(DC)	5.0 Amps	6.66 Amps	5 Pin DIN
SPU68-108	24 Volts(DC)	2.50 Amps	3.33 Amps	Coax

INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC
Frequency Range	47-63 Hz
Input Current @ FL	Low Line 1.0Amps max @ 115VAC High Line 0.5Amps max @ 230VAC
Inrush Current @ FL (Cold Start)	Low Line 15Amps max @ 115VAC High Line 30Amps max @ 230VAC
Leakage Current @ FL	0.75 mAmps max. @ 240VAC 0.5 mAmps typ. @ 240VAC

OUTPUT SPECIFICATIONS

Voltage and Current	See Selection Charts
Load Regulation @ FL	± 5%, max. @ 230VAC ±3%, typ. @ 230VAC
Line Regulation @ FL	± 1%, max. ± 0.5% typ.
Transient Response	4mS @ 100VAC
Ripple/Noise @ FL	1% Pk-Pk @ 90VAC 0.5% Pk-Pk @ 90VAC
Start Up @ FL	0.5S max / 0.3S min @ 100VAC
Hold Up Time @ FL	16mS min @ 110VAC
Over Current Protection	110~150%
Over Voltage Protection	112~132%

GENERAL SPECIFICATIONS

Isolation	4242 Volts(DC) Inpout-Output 2121 Volts(DC) Inpout-Ground
Efficiency @ FL @230VAC	84% min.
EMI	CISPR-22 Class B @ 220VAC FCC PART-15 Class B @ 110VAC
No-Load Power Consumption	0.3~0.5W @ 240VAC

All specifications are typical at nominal input, full load, and 25°C unless otherwise noted

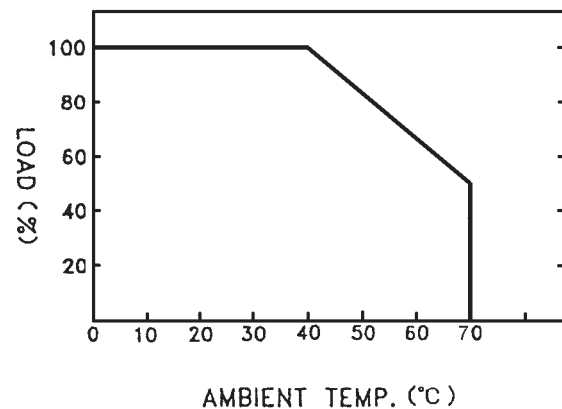
PHYSICAL SPECIFICATIONS

Size	146.0 x 76.0 x 43.0 mm 5.75" x 2.99" x 1.69"
Weight	9.7 oz (275g)

ENVIRONMENTAL SPECIFICATIONS

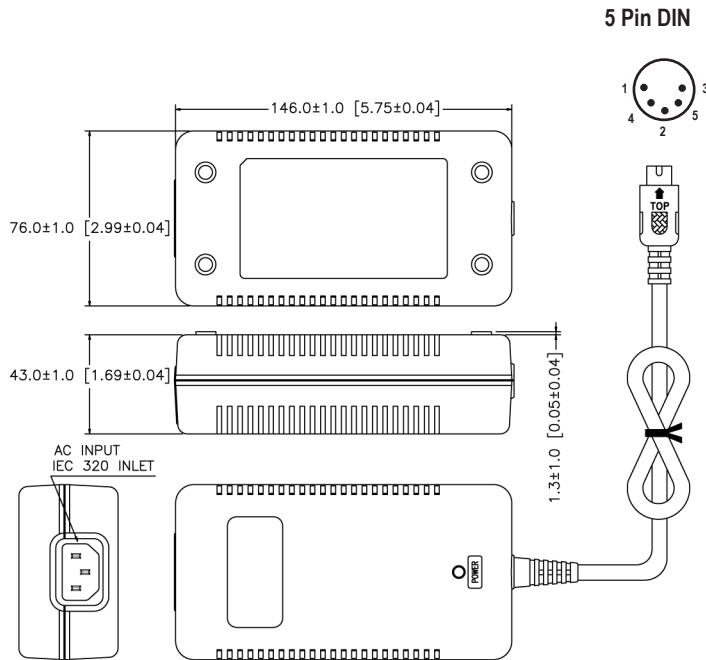
Oper. Temperature	0 to +70°C (See derate curve)
Storage Temperature	-40 to +85°C
Relative Humidity	5% to 95%, non-cond
MTBF	0.13 Mhrs MIL-HDBK-217F(25°C)
Temperature Coefficient	±0.04%/°C
Isolation Resistance	50 MΩ / 500Volts(DC)
Efficiency Level	IV

DERATE CURVE



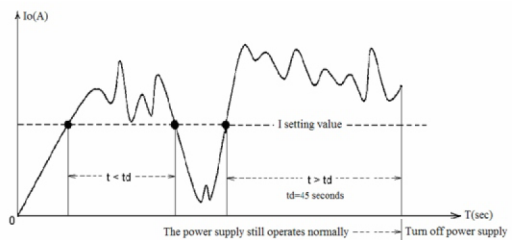
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MECHANICAL DIMENSIONS



Features:

The over current protection apparatus in accordance with the present invention allows the power supply to output the undulated current.



SPU68-105/108 Output Cord Length 48" 18AWG