

100 Watt S Series, Fully Enclosed, (Single Output)



- Low Cost
- High Efficiency/Reliability
- 100% Full Load Burn In
- Short Circuit, Over Load, Over Voltage Protection
- Full Approvals : UL/CB/TUV/CE
- 2 Year Warranty
- Compact size, light weight



Specification

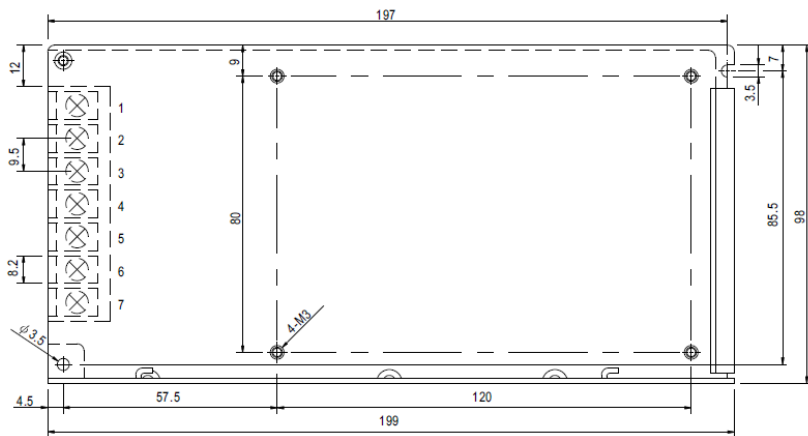
Input Voltage.....	85~132 VAC / 176~264 VAC (switch select)
Frequency.....	47~63 Hz
Inrush Current.....	Cold start, 20 A @ 115 VAC, 40 A @ 230 VAC
Output Voltage.....	See table below (plus adjustment range: +/-10%)
Over Load Protection.....	105~150% hiccup mode, auto-recovery
Line Regulation.....	+/-0.5%
Over Voltage Protection.....	115~135% of output voltage
Setup, Rise, Hold up time.....	100 ms, 30 ms, 20 ms @ full load, 230 VAC
Isolation Voltage.....	I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1 min
Operating Temperature.....	-10~+60 °C see derating curve
Safety Standards.....	UL60950, TUV EN60950-1, UL1012, CSA60950 (24V)
EMC Standard.....	EN55022 Class B, EN61000-4-2, 3, 4, 5, 6, 8, 11 EN50204, EN61000-3-2, 3, EN55024 Light Industrial (A)
MTBF.....	314.9 khrs (MIL-HDBK-217F) @25 °C
Dimensions.....	199(L) x 98(W) x 38(H), 0.65 kg

Models and Ratings

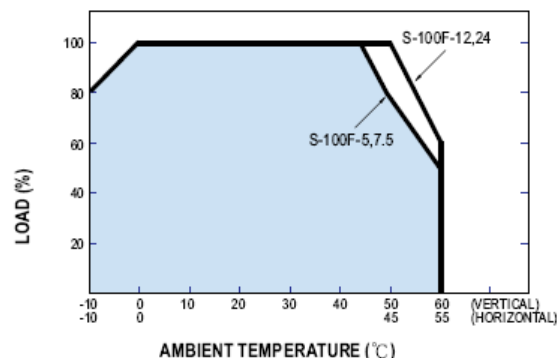
Model	Output	Ripple/Noise	Efficiency
S-100F-5	5.0 V / 20 A	100 mV	76%
S-100F-7.5	7.5 V / 13.5 A	125 mV	78%
S-100F-12	12.0 V / 8.5 A	125 mV	80%
S-100F-15	15.0 V / 6.7 A	125 mV	81%
S-100F-24	24.0 V / 4.5 A	150 mV	83%
S-100F-48	48.0 V / 2.2 A	150 mV	84%

Note: DIN rail mounting accessories are available for this series

Mechanical Details



Derating Curve



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

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