

# 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

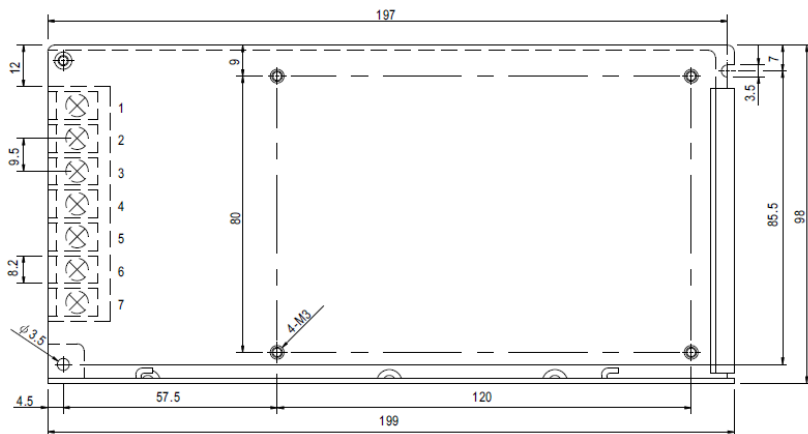
|                                |  |
|--------------------------------|--|
| Input Voltage.....             | 85~132 VAC / 176~264 VAC (switch select)   |
| Frequency.....                 | 47~63 Hz   |
| Inrush Current.....            | Cold start, 20 A @ 115 VAC, 40 A @ 230 VAC   |
| Output Voltage.....            | 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<br>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

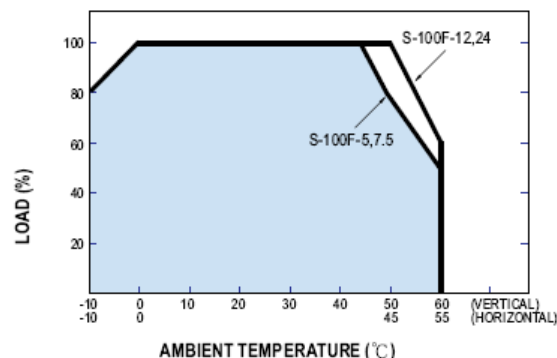
| Model      | Output         | Ripple/Noise | Efficiency |
|------------|----------------|--------------|------------|
| S-100F-5   | 5.0 V / 20 A   | 100 mV       | 76%        |
| S-100F-7.5 | 7.5 V / 13.5 A | 125 mV       | 78%        |
| S-100F-12  | 12.0 V / 8.5 A | 125 mV       | 80%        |
| 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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