

Power Supply



P/N: PSU-24V-6.5A-00
P/N: PSU-48V-3.25A-00



RayDriver

24/48V-150W SMPSU

► FEATURES

- 24V / 6.3A or 48V / 3.25A switching power supply unit
- Short circuit/Over load/Over voltage protection
- Noiseless free air cooling
- Multiple AC input voltage (selectable)
- MTBF >280K hours rating @ 25° C



► SPECIFICATIONS

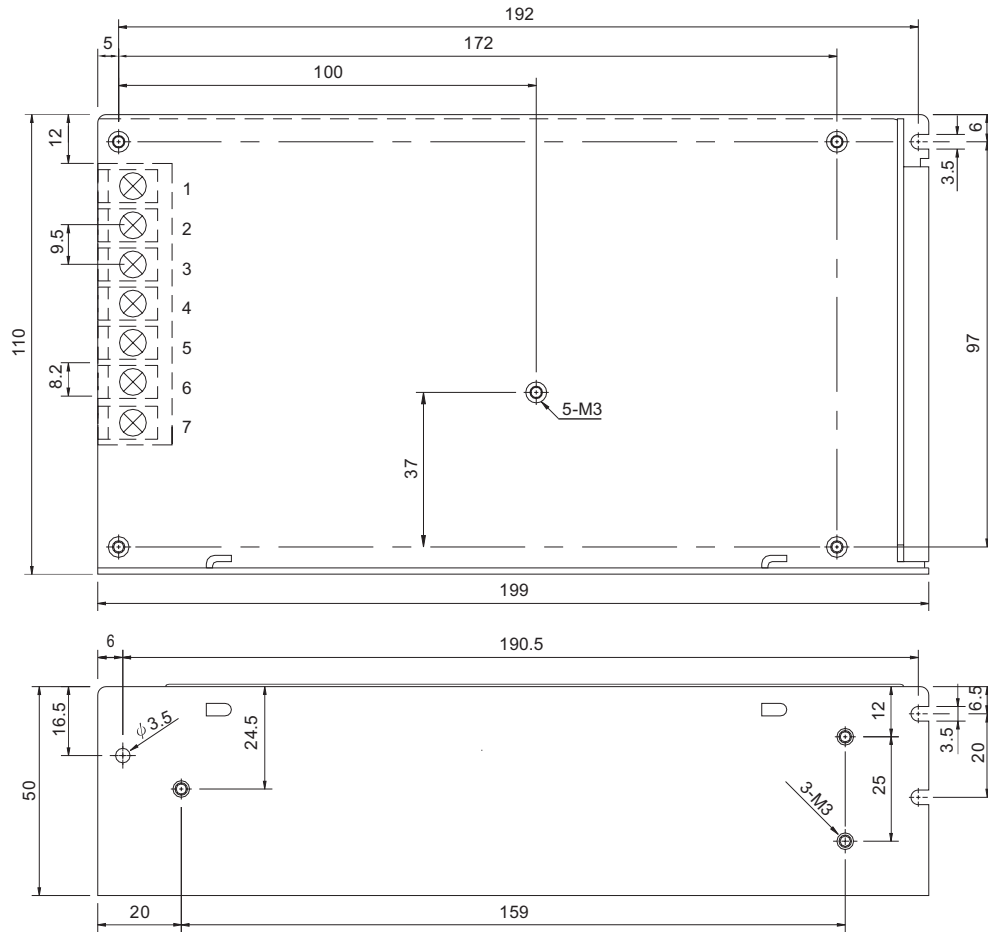
AC input :	90-120V, 50-60Hz / 220-240V, 50Hz
DC Output :	24V / 6.5A or 48V / 3.25A (Model Dependant)
Rated Power :	150 Watts
Efficiency :	87% typical
Housing :	Aluminum frame with perforations
Weight :	800g
Dimension:	199(L) x 110(W) x 50(H)mm
Operating Temperature :	-10~60°C (see derating curve on page 2)
Storage Specifications :	-20~80°C, 10~95% RH
Operating Humidity :	20~90% RH
Inrush Current :	35A cold start
Leakage Current :	<3.5mA @ 240VAC
Setup, Rise Time :	100ms, 50ms at full load
Load Regulation :	±0.2%

Safety and EMC

Safety Compliance :	UL 1012 UL 60950-1, TUV EN60950-1
EMC Compliance :	EN 55022, EN 61000, ENV 50204, EN55024
Withstand Voltage :	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:500VAC
Isolation Resistance :	I/P-O/P, I/P-FG, O/P-FG:100M Ω/500VDC
Overload Protection :	105~150% rated O/P Power - Reset
Overvoltage Protection :	24V: 30~34.8, 48V: 55.2~64.8 - Reset

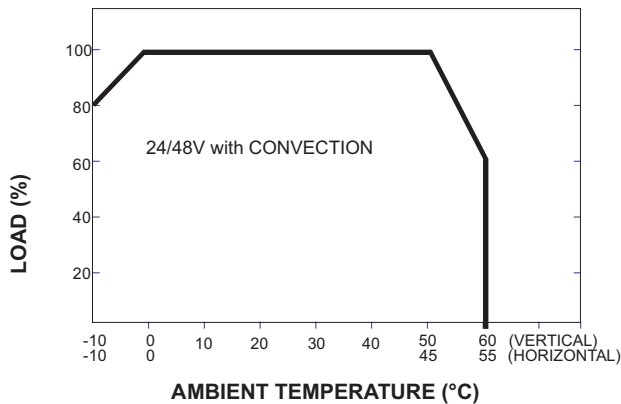
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PHYSICAL DIMENSIONS



Additional Information

Operating Temperature Derating Curve



Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG \perp		