

L6R24 / L6R30 Series

Innovative, reliable, and inexpensive. That’s the **L6R24/L6R30 Series**.

This economical, UL/cUL 62368-1 approved, DOE Level VI compliant power supply/charger is rated up to 30W when powering stationary or charging portable devices.

Plenty of voltage levels to choose from, too. From 5.0Vdc all the way up to 48.0Vdc (in increments of 0.1V), to match your need.

Call us (800-657-0853) for the part number to match your specifications.

Specifications

Input

Input Voltage	• 90 Vac ~ 264 Vac
Input Frequency	• 47 Hz to 63 Hz
No Load Input Power	• < 0.1W
Input Current	• 1.2A Max.
Inrush Current	• 40A Max.
Leakage Current	• 0.25mA Max.
Input Connection	• US (others available)

Output

Output Voltage Range	• 5.0 to 48.0 Vdc
Output Current Range	• L6R24: 667 - 3000mA, 24W Max. • L6R30: 833 - 3000mA, 30W Max.
Minimum Load	• No min. load required.
Line Regulation	• ± 1% at rated load across input voltage range
Load Regulation	• ± 5%
Ripple & Noise	• 100mVp-p Max.
Overvoltage Protection	• Auto recovery
Overload Protection	• Auto recovery
Short Circuit Protection	• Auto recovery

General

Insulation Resistance	• 50MΩ Min.
Efficiency	• Level VI compliant
MTBF	• 50,000 hrs to MIL-HDBK-217F at +25°C

Environmental

Operating Temperature	• 0°C to 40°C
Operating Humidity	• 5% - 95% RH, Non-Condensing
Storage Temperature	• -20°C to +80°C

EMC & Safety

Safety Approvals	• UL: UL62368-1 • cUL: cUL62368-1
EMC Approvals	• FCC

Warranty

Warranty Period	• 3 years
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Dimensions and Notes

Dimensions in mm	
Tolerance	• ± 0.2mm
Size	• 71.2 x 43.2 x 29.5 mm • 2.80 x 1.70 x 1.16 Inches
Weight	• Approx. 150g (4.3oz.)
Connectors	• AC input, US 2-prong inlet plug • DC output, standard 5.5 x 2.1 x 9.5mm corded dc output plug or per customer specification.
Cord length	• 1500 ± 20 mm (59 ± .8")

Mechanical Drawing

