L6R06H Series

6W Wall Mount Power Supply

- DOE Level VI Efficiency Rating
- Universal Input: 90 ~ 264Vac, 47/63 Hz
- UL/cUL Safety Approved
- Corded Output Connection
- 5Vdc USB Connection Available
- Light Weight and Compact



Model No.	Application	Output	Output	Ou	Itput Curr	ent	Voltage	Ripple	Line	Load
	Application	Connector	Voltage	Min	Rated	Peak	Accuracy	Noise	Reg.	Reg.
L6R06H-050	ITE	Corded Jack	+5.0V	0	1.2	_	±5%	< ± 1%	±1%	± 5%
L6R06H-050U	ITE	USB Connector	+5.0V	0	1.2	-	±5%	< ± 1%	±1%	± 5%
L6R06H-070*	ITE	Corded Jack	+7.0V	0	0.86	-	±5%	< ± 1%	±1%	± 5%
L6R06H-090	ITE	Corded Jack	+9.0V	0	0.67	-	±5%	< ± 1%	±1%	± 5%
L6R06H-120	ITE	Corded Jack	+12.0V	0	0.50	-	±5%	< ± 1%	±1%	± 5%
L6R06H-150	ITE	Corded Jack	+15.0V	0	0.40	-	±5%	< ± 1%	±1%	± 5%
L6R06H-180	ITE	Corded Jack	+18.0V	0	0.33	-	±5%	< ± 1%	±1%	± 5%
L6R06H-190	ITE	Corded Jack	+19.0V	0	0.31	—	±5%	< ± 1%	± 1%	± 5%
L6R06H-240	ITE	Corded Jack	+24.0V	0	0.25	-	±5%	< ± 1%	± 1%	± 5%

* Output voltages from 6.0V to 8.9V do not meet Level VI efficiency requirements and are subject to associated importation regulations.

- Output voltages from 5.0Vdc to 24.0Vdc are available in increments of 0.1V. Please contact Tri-Mag, LLC for the part number and specifications for your output voltage requirement and application.
- The output voltage is verified to specs at 60 percent rated load condition.
- The **line regulation** is defined by changing ± 10 percent of input voltage from the nominal line at rated load.
- The load regulation is defined by changing ± 40 percent of the measured output load from 60 percent of the rated load.
- The ripple and noise is measured by using 20MHz bandwidth limited oscilloscope with each output terminated with a 10 µF electrolytic and a 0.1 µF capacitor at rated load and nominal line.
- The efficiency is measured at rated load and nominal line.



Power Supplies

L6R06H Series

Innovative, reliable, and inexpensive. That's the L6R06H Series.

This economical, DOE Level VI compliant power supply/charger is rated up to 6W when charging any mobile or wireless device.

Specifications

Input

inport		
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 24.0 Vdc	
Output Current Range	 250 - 1200mA, 6W 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	
Conoral		
General		

• 50MΩ Min. Insulation Resistance

Efficiency MTBF

Level VI compliant

50,000 hrs to MIL-HDBK-217F at +25°C •

Plenty of voltage levels to choose from, too. From 5.0Vdc all the way up to 24.0Vdc (in increments of 0.1V), to match your need.

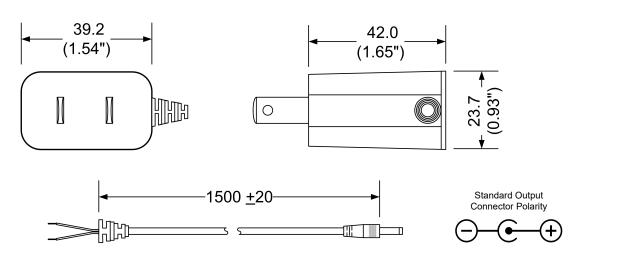
Contact us (800-657-0853 or Sales@Tri-Mag.com) for the part number to match your specifications.

Environmental Operating Temperature

 10°C to 40°C
• 5% - 95% RH, Non-Condensing
• -20°C to +80°C
• UL: UL60950-1
• cUL: UL60950-1
• FCC
• 1 year
• 1 year Notes
Notes
• ± 0.2mm
Notes • ± 0.2mm • 42.0 x 38.7 x 23.7 mm
Notes • ± 0.2mm • 42.0 x 38.7 x 23.7 mm 1.65 x 1.52 x 0.93 Inches

• 1500 ± 20 mm (59 ± .8")

Mechanical Drawing



Cord length