



MODEL: LS150-S12KD
LS150-S24KD
SIZE: 159*97*30mm

Product overview

150W

industrial power supply

MODEL LS-150-12KD / LS-150-24KD

INPUT 100~130V AC&180~250V AC

OUTPUT 12V DC 12.5A / 24VDC 6.25A 150W

Product Features

- Adopt AC/DC transmission
- Adapt to harsh working environments
- Adopting an isolated design, safe and reliable
- Prevent instantaneous surge impact
- Overload, short circuit, and overvoltage protection functions
- Wide range of input
- Passed CE certification and meets LVD safety requirements

ELECTRICAL DATA

AC Input

Input voltage range	100~250V
Input frequency	50~60Hz
Conversion efficiency (typical)	87.5% _{12V} /90% _{24V}
Input current	110V: 2.4A max.
Inrush current	65A
leakage current	5mA/220VAC

DC Output

output voltage	12V / 24V
output current	12.5A / 6.25A
output power	150W
Ripple and noise	<150mVp-p (maximum)
Startup time	1500ms/220VAC
Line regulation	±0.5%
Load adjustment rate	±0.5%

working environment

Working temperature	-20~+70°C
Humidity at work	15~85%RH
Storage temperature	-40°C~85°C
Storage humidity	15~95%RH

EMC

EN55032 CLASS A

Packaging

product size	159*97*30mm
Net weight	355g±5g
Quantity per box	40PCS
Carton Size	39*34.5*23cm
G.W	16KG

protect

overload protection There is overload protection, and when the load voltage exceeds 110-140% of the rated load, the output voltage is turned off. The protection mode is hiccup mode.

ScP There is short circuit protection, and the protection mode is hiccup mode. When the short circuit fault is resolved, it automatically resumes work

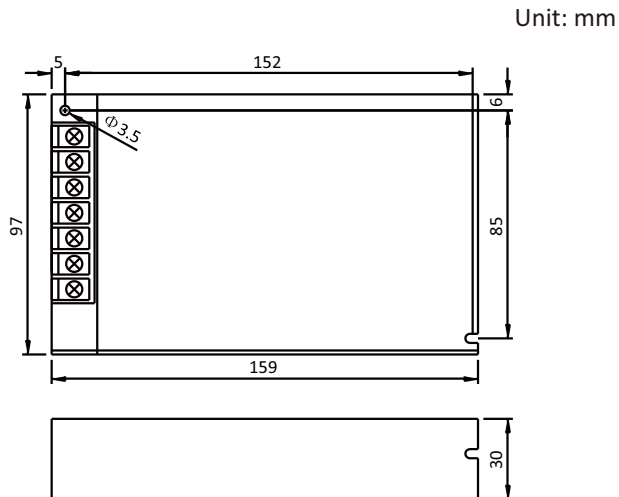
Safety Regulations

Safety standards	GB4943/ IEC62368, EN61558 CE-LVD
Pressure resistance	I/P-O/P: 3750VAC/1min/<5mA
insulation	I/P-O/P: >100M Ohms / 500VDC /25°C / 70%RH

Warm reminder:

- Load short circuit and overload can cause power protection, resulting in the power supply not working properly. -The connection line between the power supply and the load should follow the principle of being as short as possible, either over or over
- Thin connecting wires can cause voltage drop on the circuit, while overly thin connecting wires can also easily lead to Potential safety hazards.
- Maintaining good ventilation and heat dissipation is crucial for the lifespan of the power supply.

product appearance



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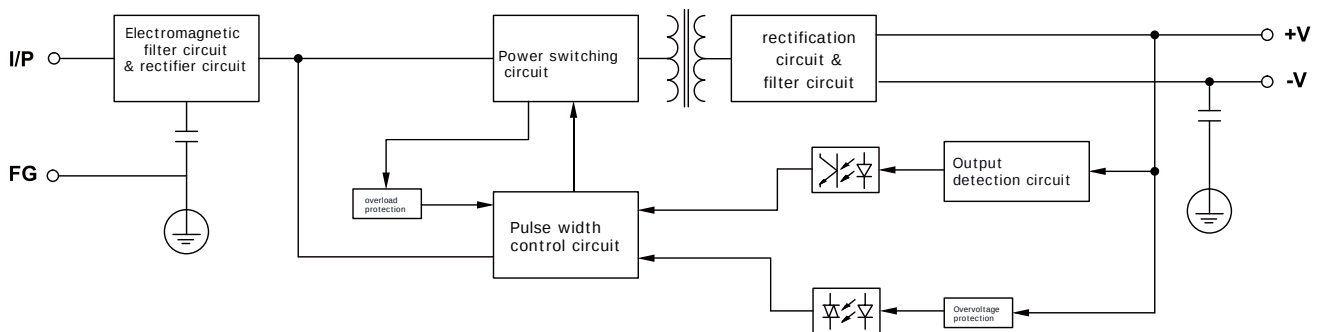
OUTPUT 12V DC 12.5A / 24VDC 6.25A 150W

Terminal input/output

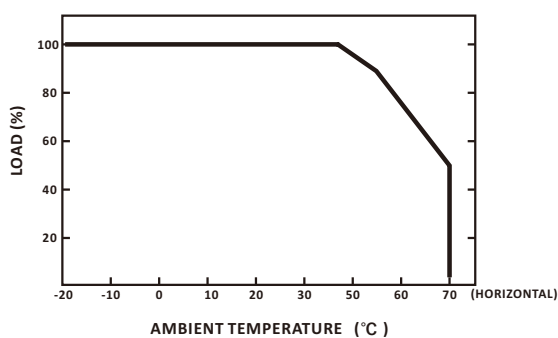
HB9500-7P flame retardant terminal
with terminal cover

Shell: Aluminum alloy shell

block diagram



Temperature derating curve



Voltage derating curve

