



MODEL: LS75-S12KD SIZE: 100*97*30mm
LS75-S24KD

Product overview

75W

industrial power supply

model LS75-S12KD / LS75-S24KD

INPUT 100~250V AC

OUPPUT 12V DC 6.25A / 24V DC 3.125A 75W

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)	86% 12V / 89% 24V
Input current	110V: 1.35A max.
Inrush current	63A
leakage current	5mA/220VAC

DC Output

output voltage	12V / 24V
output current	6.25A / 3.125A
output power	75W
Ripple and noise	<120mVp-p
Startup time	1500ms/220VAC
Line regulation	±0.5%

working environment

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

protect

overload protection There is overload protection, and when the load voltage exceeds 100-140% of the rated load, the power supply automatically cuts off the output. The protection mode is turned off.

ScP There is short-circuit protection, and the protection mode is in turn off mode. When the short-circuit fault is resolved, automatic recovery work is carried out

Safety Regulations

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

EMC

EN55032 CLASS A

Packaging

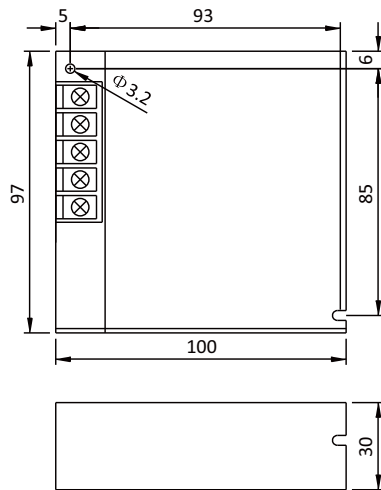
product size	100*97*30mm
Net weight	220g±5g
Quantity per box	60PCS
Carton Size	39*33.5*23cm
G.W	15.1KG

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

Unit: mm



Product overview

75W

industrial power supply

model LS75-S12KD / LS75-S24KD

INPUT 100~250V AC

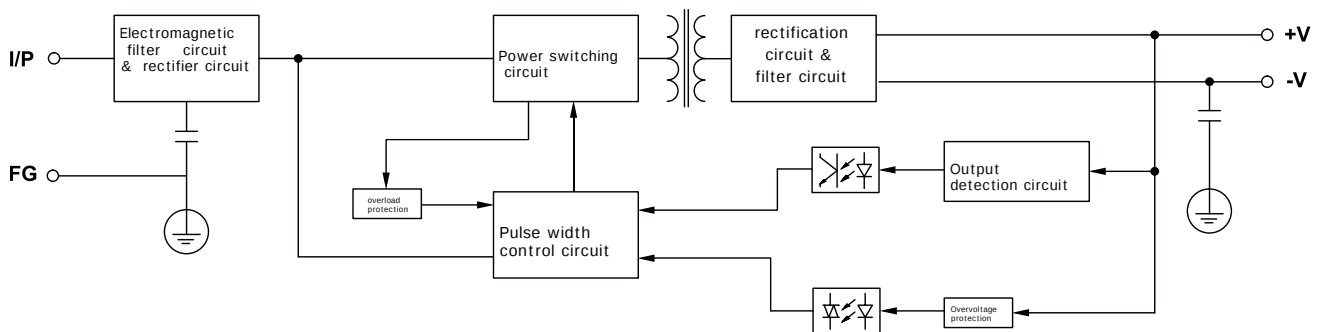
OUTPUT 12V DC 6.25A / 24V DC 3.125A 75W

Terminal input/output

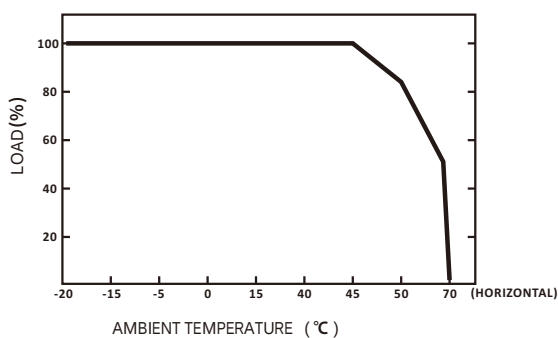
HB9500-5P flame retardant terminal
with terminal cover

Shell: Aluminum alloy shell

block diagram



Temperature derating curve



Voltage derating curve

