



MODEL: LS250-S12KD SIZE: 215*115*30mm
LS250-S24KD

ELECTRICAL DATA

AC Input

Input voltage range	100~250V	Equipped with a conversion switch
Input frequency	50~60Hz	
Conversion efficiency (typical)	88% 12V / 89% 24V	
Input current	110V: 3.7A max.	
Inrush current	70A	
leakage current	5mA/220VAC	

working environment

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

protect

overload protection

There is overload protection. When the load voltage exceeds the rated load of 115~134% 12V/129~148% 24V, 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 hiccup mode. When the short circuit fault is resolved, it automatically resumes work.

SafetyRegulations

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

Product overview

250W

industrial power supply

MODEL LS250-S12KD / LS250-S24KD

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

OUTPUT 12V DC 20.83A / 24VDC 10.42A 250W

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

DC Output

output voltage	12V / 24V
output current	0.83A / 10.42A
output power	250W
Ripple and noise	<150mVp-p
Startup time	1500ms/220VAC
Line regulation	±0.5%
Load adjustment rate	±1%

EMC

EN55032 CLASS A

Packaging

product size	215*115*30mm
Net weight	610g±5g
Quantity per box	20PCS
Carton Size	38*25.5*26.5cm
G.W	13.6KG

Warm reminder:

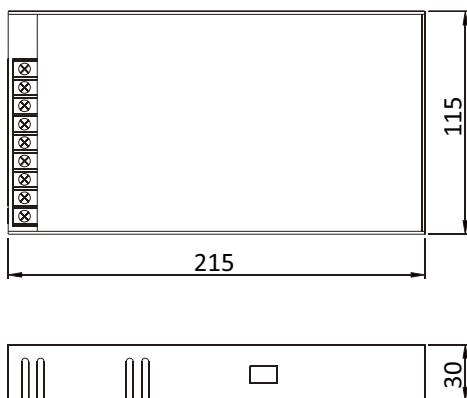
-Load short circuit and overload can cause power protection, resulting in the power supply not working properly. -The connection line between the power supply and the load should follow the principle of being as short as possible, either over or over.

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

250W

industrial power supply

MODEL LS250-S12KD / LS250-S24KD

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

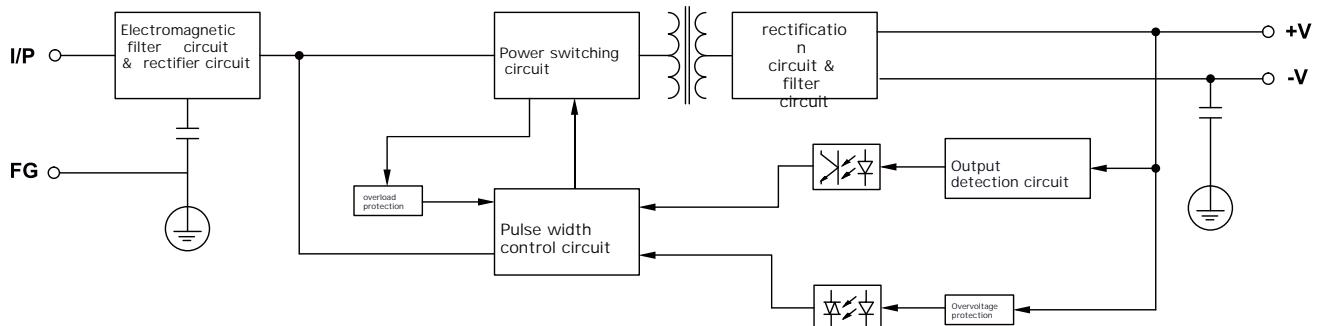
OUTPUT 12V DC 20.83A / 24VDC 10.42A 250W

Terminal input/output

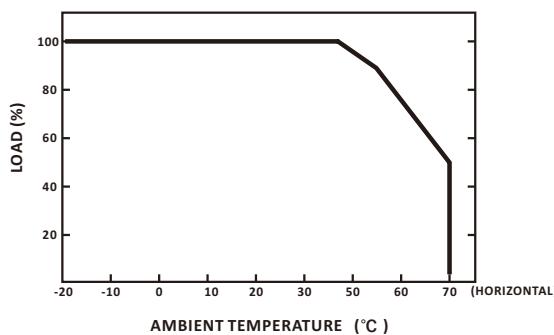
HB9500-9P flame retardant terminal with terminal cover

Shell: Aluminum alloy shell

product appearance



Temperature derating curve



Voltage derating curve

