



MODEL: LS200-S12KD SIZE: 215*115*30mm
LS200-S24KD

Product overview

200W

industrial power supply

MODEL LS200-S12KD / LS200-S24KD

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

OUTPUT 12V DC 16.7A / 24VDC 8.33A 200W

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	Equipped with a conversion switch
Input frequency	50~60Hz	
Conversion efficiency (typical)	87.5% 12V /88.5% 24V	
Input current	110V: 3A max.	
Inrush current	70A	
leakage current	5mA/220VAC	

DC Output

output voltage	12V / 24V
output current	16.7A / 8.34A
output power	200W
Ripple and noise	<150mVp-p
Startup time	1500ms/220VAC
Line regulation	±0.5%
Load adjustment rate	±1%

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, there is overload protection. When the load voltage exceeds the rated load of 119~143% 12V/130~167% 24V, 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 there is a short circuit When the fault is resolved, resume work automatically.

Safety Regulations

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

EMC

EN55032 CLASS A

Packaging

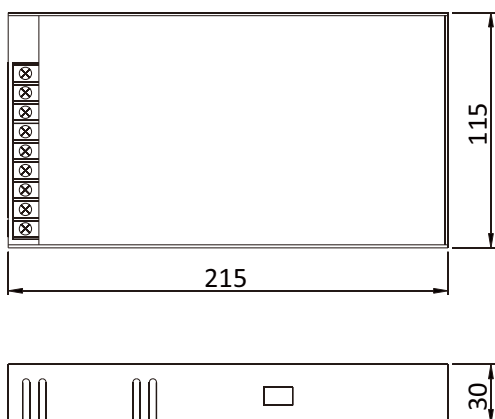
product size	215*115*30mm
Net weight	610g ± 5g
Quantity per box	20PCS
Carton Size	38*25.5*26.5cm
G.W	13.6KG

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



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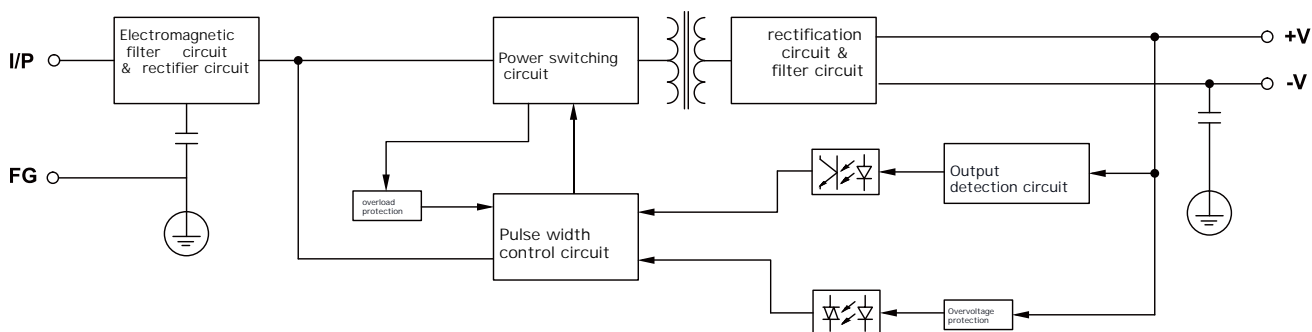
OUTPUT 12V DC 16.7A / 24VDC 8.33A 200W

Terminal input/output

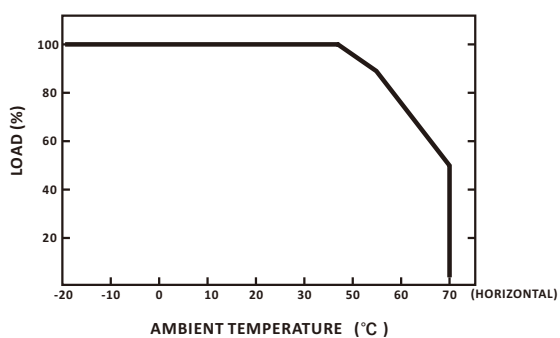
HB9500-9P flame retardant terminal with terminal cover

Shell: Aluminum alloy shell

block diagram



Temperature derating curve



Voltage derating curve

