

## Descriptions

Powerland's 150W DC/DC switching mode power supply is designed with 12V/10A (output1) & 12V/2A (output 2) two outputs DC-DC converter.

## Features

- Output Power: 150W
- With Lightning Protection
- All-round protections :INPUT UVP/OVP, OUTPUT OCP/SCP/OVP, OTP
- With input reverse voltage protection
- With enable control of the main output
- Compact design
- Comply with CE Safety Regulations
- IP66 Ingress Grade



## Models

Model Number	Input Voltage	Output Power	Output Voltage		Output Current	
			OUTPUT1	OUTPUT2	OUTPUT1	OUTPUT2
PLD150-EVDS18-12	56~84V	150W	11.88~12.32V	11.88~12.12V	10A	2A

## Electrical Specifications

Model	PLD150-EVDS18-12	
Output Voltage	OUTPUT1 11.88~12.32V	OUTPUT2 11.88~12.12V
Output Current	10A	2A
Max. Output Voltage	12.32V	12.12V
Current Accuracy	±5%	
Voltage Accuracy	±0.5%	
Output Power	150W	
Input Voltage	56~84V	
Input Frequency	47~63Hz	
Max. Input Current	3.5Amax @ 56Vdc input & Full load.	
Max. Input Power	94W	
Efficiency	92%	
Protections	OVP, OCP, SCP, OTP, RCP, RBC, Timer, Auto Off @ No Load	
Ingress Protection	IP66	
Working Temperature	-20~65°C	
Cooling	Natural Cooling	
Max. Case Temperature	<55°C@25°C Ambient Temperature	
Surge Protection	1kV DM / 2kV CM	
Isolation	Primary to Secondary: 3000Vac/10mA max./60s Primary to Earth: 1500Vac/10mA max./60s Secondary to Earth: 500Vac/10mA max./60s	
Dimensions (LxWxH)	140x95x50mm	
Weight	1kg	

\* Unless otherwise noted, the data are based on 25°C ambient temperature, 230Vac input voltage and full load.