

125W DC/DC Converter Dual Output Data Sheet



Green Watt Power’s 125W DC/DC power modules are designed with compact size, low cost, high efficiency and high reliability. Featured with a fully sealed mechanical structure and 12V/10A and 5V/2A dual outputs, this series offers solid and safe power conversions on electrical bike, electrical motorcycle and other DC/DC applications.

Features:

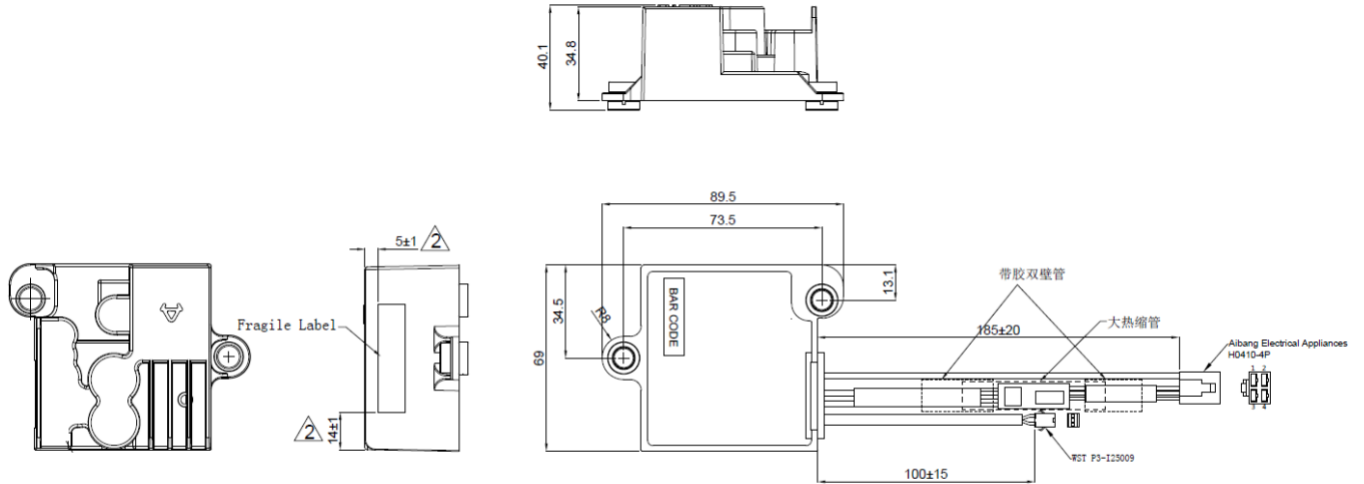
- Wide Input Voltage: 36~72Vdc
- Output Voltage: 12Vdc & 5Vdc
- High Reliability
- High Efficiency up to 88.5%
- Short Current Protection
- Natural Cooling
- Operating Temperature: -10~45°C
- IP65 Ingress Grade



General Specifications	
Model	EVD-60-125-D12-5 (PLD125-1DCF55-12)
Output Voltage	12Vdc & 5Vdc
Output Current	10A/2A
Output Voltage Accuracy	±5%
Output Power	125W
Input Voltage	36~72Vdc
Max. Input Current	4A
Efficiency	88.5%
Protections	SCP
Ingress Protection	IP65
Operation Temperature ^[3]	-10~45°C
Cooling	Natural Cooling
Dimensions (LxWxH)	75x67x35mm
Weight	0.2kg
Output Short Circuit Protection	When output is shorted, the power supply will enter hiccup mode, and will self-recover when the fault condition is removed.

Notes: Specification is subject to change without notice. Model in parenthesis is factory number.

Mechanical:



1. WST P3-125009

	WIRE COLOR	WIRE SPEC	
1	White	UL2464 AWG#22	5V+
2			
3	Black	UL2464 AWG#22	5V-

2. Albang Electrical Appliances HD410-4P

	WIRE COLOR	WIRE SPEC	
1	Yellow	UL1007 AWG#18	V IN+
2	Black		V IN-
3	Green	UL SJTW 18AWG*3C	V IN-
4	White		+12V+