



130W DC/DC Converter Dual Output Data Sheet



Description:

Green Watt Power's 130W 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 5V/2A dual output, this series offers solid and safe power conversions on electric bike, electric motorcycle and other DC/DC applications.

Wide Input Voltage: 28~92Vdc Output Voltage: 12Vdc & 5Vdc

High Reliability

Ultra-High Efficiency: Up to 96%

Protection Features: SCP, Input UVP, Input Reverse Connection Protection

Natural Cooling

Operating Temperate: -20~60°C

IP66 Ingress Grade

Fully potted to ensure high reliability in rugged environments



Module Number	Output Voltage	Maximum Output Current	Current Range	Voltage Range
EVD-60-130-D12-5	12V	10A	0-8A	11.5V~12.5V
(PLD130-EVDO01-12)	5V	2A	0-2A	4.75V~5.15V

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Input Parameters						
	Min	Тур	Max	Units		
Input Voltage Range*	36	48/60	92	VDC		
Input Current 36 VDC, Full Load 92 VDC, Full Load			5.5 2.5	А		
Efficiency 36VDC Full Load 48VDC Full Load 60VDC Full Load	93.0 92.5 92.0	94.5 94.0 93.5		%		

Output Parameters							
Output	Typical Load			Output Voltage	Output Voltage		
Тур.	Min. Load	Full Load	Peak Load	Range	Ripple		
Output: 12V	0A	8A	10A	11.5V~12.5V	720mVp-p		
Output: 5V	0A	2A	2A	4.75V~5.15V	300 mVp-p		

General Specifications	
Output Short Circuit Protection	When its output is shorted, the power supply will enter hiccup mode, and will self-recover when the fault
	condition is removed.

Notes:

(1) Specification is subject to change without notice.

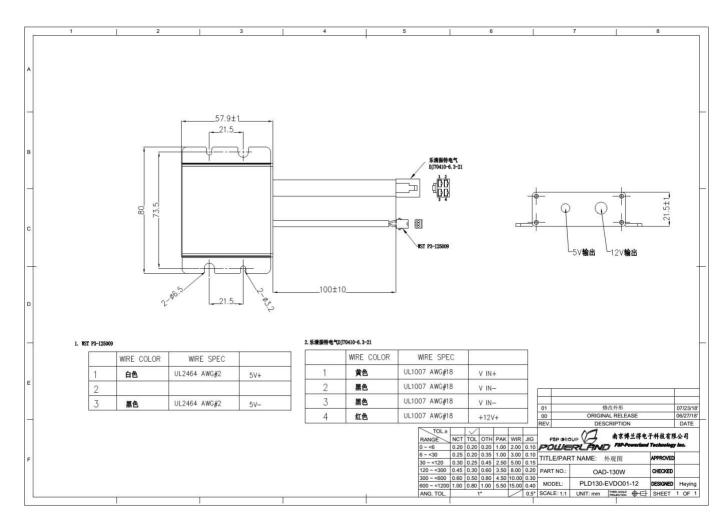
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Case Specifications:

Dimension: 85mm(L)*58mm(W)*21.5mm(H)



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