



# 7.2/9.5 KW Electric Vehicle Li-Ion Charger Data Sheet 🔉



### Description:

Green Watt Power's 7.2kW and 9.5kW super capacitor chargers are designed with ultra-high efficiency, as well as built-in intelligent control. The extraordinary performances of circuit design provide the charger with high power density and high conversion efficiency. This series of chargers offer solid and safe power conversion with air cooling, long life time for a wide range of applications in super capacitor and battery charging applications.

#### Features:

• Input Voltage: 310~580Vac Output Power: 7200/9500W

• High Reliability

• High Efficiency: Up to 96%

• All-Around Protections: Phase Lack, OVP, UVLO, SCP, OTP

· Compatible with Air Cooling

Low Temperature Start Up @ -40°C

High Temperature Full Load Operation @ 50ºC

• IP20 Ingress Grade

CAN Communication



Module Number	Maximum Output Current	Output Power	Voltage Range
EVC-80-7200 (PLD9080)	80A	7200W	0-90V
EVC-100-9500 (PLD10095)	95A	9500W	0-100V

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Input Parameters				
Model Number	EVC-80-7200 (PLD9080)	EVC-100-9500 (PLD10095)		
Input Voltage	310-580V			
Input Frequency	45-65Hz			
Max Input Current	15A	20A		

Output Parameters				
Model Number	EVC-80-7200 (PLD9080)	EVC-100-9500 (PLD10095)		
Output Voltage	0-90V	0-100V		
Output Current	80A	95A		
Max. Output Voltage	90V	100V		
Current Accuracy	<±1% @ lout>2A			
Voltage Accuracy	<±0.5%			
Output Power	7200w	9500w		
Efficiency	96%			
Dimension	480x320x138mm			
Weight	15kg			

General Specifications		
Short Circuit Protection	Hiccup Mode Self Recovery when fault is removed	
Input UVP Protection	Enters Auto recovery mode when Input voltage is under 300V. The unit will return to normal operation when powered back on.	
Input OVP Protection	Enters Auto recovery mode when Input voltage is over 590V. The unit will return to normal operation when powered back on.	
Output OVP Protection	Enters Auto recovery mode when output voltage is over 96V. The unit will return to normal operation when powered back on.	
Over Temperature Protection	The unit will go into thermal protection when the case temperature exceeds 85 ±5 °C. The unit will enter hiccup mode and will self-recover when the temperature becomes normal at or below 85 °C.	

## Notes:

(1) Specification is subject to change without notice.

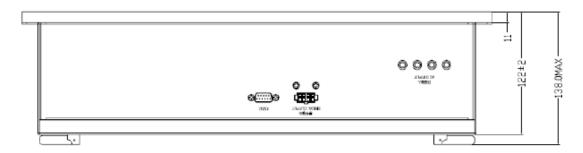
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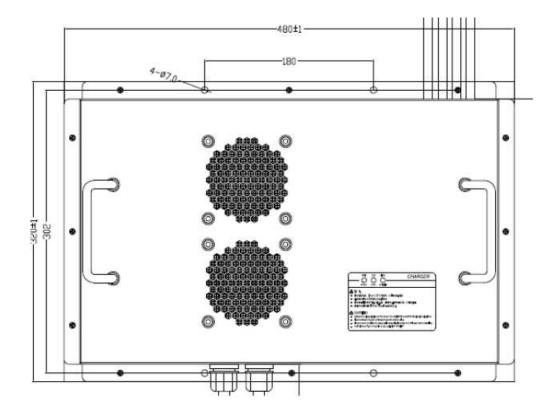




# Case Specifications:

Dimension: 320mm(W)\*480mm(L)\*138mm(H)





10/11/18