



## Main Features

- Multi-application: bidirectional power flow for charging and discharging
- Designed for the altitude of 9843ft Max
- High protection: adopting independent air duct design, high protection level
- Soft switch: soft start&soft turn off, reducing impact on DC bus
- Intelligent power regulation: Dynamically adjust the output power to achieve the power balance of DC bus system
- Fast power tracking: Short switching time for forward and reverse full load power, quickly responding to fluctuations in DC bus voltage



## Specifications

Electrical – Charging	
Input connection	DC Input, DC+/DC-/PE
Input voltage	600-1000Vdc, 750V rated
Input current	17.2A max.
Output voltage	200-1000Vdc
Output Current	33.3A max.
Output power	11kW max.
Efficiency	97% (Peak)
Electrical – Discharging	
Input voltage	200-1000Vdc
Output current	0-16.3A
Output voltage	600-1000Vdc
Communication	
Wireless comm. methods	4G, Wi-Fi, Blue-tooth
Local comm. methods	Ethernet, RS485
EV comm. protocol	ISO15118-20, ISO15118-2, DIN 70121
Mechanical	
Dimension (WxHxD)	20 1/2" x 13 7/8" x 7 3/8"
Weight	52.9 lbs
Cooling method	Separate air duct, forced air cooling
Noise	<55dB (<45dB in silent mode)
Ingress Protection	Type 3S
Installation method	Wall/pedestal mounted
Other	
Operating Temperature	-40°F to 167°F (de-rating>122°F)
Humidity	5% to 95% no condensation
Altitude	<9842' (de-rate above 6561)
Norm compliance	UL2202, UL2231-1, UL2231-2, UL991, UL1998, FCC part 15B, ICES-003
Island mode operation capability	Yes