

Halo 11kW Bi-Di DC/DC Charger



Main Features

- Multi-application: bidirectional power flow for charging and discharging
- Designed for the altitude of 3000m 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	300-1000Vdc
Output current	16.3A max.
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 (W×H×D)	342×520×185mm
Weight	23±1 kg
Cooling method	Separate air duct, forced air cooling
Noise	≤55dB (@25°C ambient temp.); ≤45dB in silent mode
Ingress Protection	IP65
Installation method	Wall/pedestal mounted
Other	
Operating Temperature	-30 to 50°C (derating over 50°C)
Humidity	2% to 95% no condensation
Altitude	≤3000m

Contents may be changed when official release.

Note: Pictures are for reference only, please prevail in kind.