

7.4/11kW V2G

DC Charger | 7.4/11 kW



Residential Destination



CCS 2



Halo IEC 7.4/11kW bi-directional DC wallbox

This bi-directional DC wallbox is designed for home and light commercial use, supporting various use cases such as V2G, V2H, and off-grid power backup. This DC wallbox enables bidirectional-capable EVs to act as distributed energy storage, delivering electricity cost savings for users while supporting grid ancillary services such as peak shifting



High Compatibility

Certified for grid interconnection in major EU and ANZ markets.

Wide-range charging/discharging voltage with versatile communication interfaces.



High Reliability

IP65-rated enclosure.

Integrated cyber security and functional safety protections.



Easy Installation

Compact and lightweight design enables one-person installation.

Feature-rich and highly configurable installation app.



Versatile Smart Features

Dynamic charging/discharging control and load balancing.

Silent mode operation, tamper protection, and more.

Specifications

Specifications are subject to change without notice.

	7.4kW Bi-Di DC Charger	11kW Bi-Di DC Charger
Electrical – Charging		
Input Connection	230Vac/220Vac, single phase, L+N+PE	380Vac/400Vac, three phase, L1+L2+L3+N+PE
Input Current	32A rated	16A rated
Input Frequency	50/60Hz rated, 45-65Hz	
Input THD	≤5%	
Output Power	7.4kW max	11kW max.
Efficiency	≥96% (Peak)	
Output Voltage Range	200 ~ 920Vdc	
Output Current	24.7A max.	36.6A max.
Electrical – Discharging		
Input Voltage	200 ~ 920Vdc	
Output Power	7.4kVA max.	11kVA max.
Output Current	32A max.	16A max.
Output Voltage	230Vac rated	400Vac rated
Communication		
Wireless Comm. Methods	4G, Wi-Fi, Blue-tooth, RFID	
Local Comm. Methods	Ethernet, RS485, TIC	
Backend Comm. Protocol	OCPP 2.0.1, OCPP 2.1	
EV Comm. Protocol	DIN 70121,ISO 15118-2,ISO 15118-20	
Environmental		
Operating Temperature	-30 to 50 ℃	
Humidity	5% to 95% no condensation	
Altitude	≤3000m above sea level	
Mechanical		
Dimension	323×480×175mm	342×520×185mm
Weight	22±1kg	29±1kg
Cooling Method	Separate air duct, forced air cooling	
Noise	≤55dB (@25 ℃ ambient temp.); ≤45dB in silent mode	
Ingress Protection	IP65	

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