

Haier

EV AC Charger



- Green power charging with Smart Cube home energy solution
- Data tracking & scheduled charging on Haier Smart Cube App
- Dynamic load management to prevent overload, user-friendly charging*
- Easy installation with less steps and top/bottom entry option
- Integrated residual current failure protection reduces installation costs
- IP65 and wall-mounted installation provide high adaptability

* Only works with Smart Cube home energy solution and Smart Cube Power Sensor

EV AC Charger 7 / 11/22 kW

Smart Cube EC	HEVAC-7T2	HEVAC-7T2C5	HEVAC-11T2	HEVAC-11T2C5	HEVAC-22T2	HEVAC-22T2C5	Units
AC Input & Output							
Nominal charging power	7		11		22		kW
Nominal output voltage	1P/N/PE, 220 ~ 240		3P/N/PE, 220 ~ 240 / 380 ~ 415		3P/N/PE, 220 ~ 240 / 380 ~ 415		V
Output current range	6 ~ 32		6 ~ 16		6 ~ 32		A
Nominal AC frequency			50 / 60				Hz
Vehicle connection	Type 2 connector / Type 2 socket with shutters						
AC input cable width range			2.5 ~ 6.0				mm ²
Protection							
Integrated DC fault detection ¹			6				mA
Integrated AC fault detection ¹			30				mA
Flame retardant rating			UL94-5VB				
Over / Under voltage protection			Integrated				
Overload protection			Integrated				
Over temperature protection			Integrated				
PEN protection			Integrated				
TIC electricity linky meter interface			Integrated				
Randomized charging delay			Integrated				
Ground fault protection			Integrated				
Surge protection			Integrated				
Grounding system			TT, TN, IT				
User Interface & Communication							
Protocol	Modbus TCP						
Communication	4G / WLAN / Fast Ethernet						
Authentication	RFID card *1 / App / Auto-charge (no authentication)						
Display	LED indicator / App						
Charging mode	Standard charging / Scheduled charging / Solar boost charging						
Metering	Integrated metering IC / External meter with RS485 (optional)						
Dynamic load management	Supported						
Phase switching	Supported						
General Data							
Dimensions (W / H / D)			234 / 384 / 126				mm
Weight	4.5	6.4	4.5	6.4	4.5	6.4	kg
Storage temperature range			-40 ~ 70				°C
Operating temperature range			-30 ~ 55				°C
Relative humidity range			5% ~ 95%				
Max. operating altitude			4000				m
Cooling	Natural convection						
Ingress protection rating	IP65						
Installation method	Wall-mounted						
Application environment	Outdoor / Indoor						
Standby self-consumption			< 3.6				W
Standard charging cable length	0	5	0	5	0	5	m
Standard Compliance							
Standard ²	EN IEC 61851-1, IEC 62995, EN IEC 61851-21-2, ETSI EN 300 330 V2.1.1, ETSI EN 301 511 V12.5.1, EN IEC 62311, EN50665, ETSI EN 300 328 V2.2.2						

1. Residual direct current protective device (RDC-PD) with integrated AC pulsating DC and 6mA DC detection, evaluation and mechanical switching in the EV AC Charger is tested according to IEC 62955.

2. For all standards refer to the certificates category in the website.

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