

Powered by  **Smart**
smarter way of living

HP10 Series

(meet EU standards)



- Residential areas like apartment and dwellings
- Parking garage of office building, hospital, supermarket, motel etc. for commercial EV charging
- EV infrastructure operators and service providers
- HP10 is a Case C Wallbox (with charging cable), and an external Case B charging socket can be selected to replace the charging cable as needed



IEC 62196-2 (Type 2)

Features

- Applicable to IEC Type 2 charging, and the maximum charging power up to 22kW.
- With CE certification-LVD, RED, RoHS, and passed REACH test, applicable to the European.
- No earth electrodes protection, designed for the UK and other regions using TN-C power supply system.
- Safe and reliable, with multiple fault protection, suitable for household and commercial AC EV charging.
- Easy installation, wall mounted or pole mounted for optional.
- IP65 & IK10 rated for indoor or outdoor applications.
- LOGO, color, function etc. are customizable.
- OEM/ODM including size, shape etc. are available.



Wall-mounted Charging Station

Mounting Pole

Pole-mounted Charging Station

Specification of HP10 Series

Power Specification			
Phase number	1-phase		3-phase
Model	HP10116	HP10132	HP10316 HP10332
AC Power Input Rating	230VAC, 50/60Hz		400VAC, 50/60Hz
Power Wiring	3 Wire - L1, N plus PE		5 Wire - L1, L2, L3, N plus PE
AC Output Rating Power	3.5kW	7kW	11kW 22kW
AC Output Rating Current	16A	32A	16A 32A
Connector Type	IEC 62196-2, Type 2 plug + 5m charging cable		
Connector Mechanical Operating Life	≥10000 times (Plug in & pull out with no load)		
User Interface & Control			
Charging Control	APP-controlled, Button-controlled, Card-controlled		
Indicators	4 LED Indicators-Power/ Charging/ Fault/ Network		
Communication interface	Wifi (2.4/5GHz)		
OCPP Protocol (Optional)	OCPP 1.6J(via Wifi)		
Environmental			
Storage Temperature	-40 to 75°C ambient		
Operating Temperature	-30 to 55°C ambient		
Operating Humidity	Up to 95% non-condensing		
Altitude	≤ 2000m		
Protection			
IP Code	IP65	Over Voltage Protection	Yes
Short Circuit Protection	Yes	Under Voltage Protection	Yes
Over Load Protection	Yes	Over-temp Protection	Yes
Leakage Protection	Yes, Type B Residual Current Monitoring Unit built-in.		
Ground Protection	Yes, designed for TN-C-S power supply system		
No earth electrodes Protection	Optional, designed for the UK and other regions using TN-C power supply system		
Wallbox Mechanical			
Dimension (H×W×D, mm)	310×215×95		
Weight	< 7kg		
Charging Cable Length (total)	5m or customize length (≤7.5m) An external Case B charging socket without charging cable is optional		
Enclosure Material	PC (White front cover, and grey back cover)		
Mounting Pole Mechanical (Optional)			
Dimension (H×W×D, mm)	1117×240×112		
Weight	<5kg		
Enclosure Material	Stainless steel		
OEM Customize Options			
Logo on Front panel	Yes	Nameplate	Yes
User manual	Yes	Length of charging cable	Yes