



eHome5

The most convenient solution for charging at home

Designed to evolve one of Circontrol's top-selling products, the eHome5 features an elegant and customizable design that, along with its mobile app, makes this home charging solution a must-have for EV users who want to charge their EV with solar energy.

This charger offers three charging modes and the option to schedule charging sessions based on user needs. Besides, it integrates seamlessly with the home ecosystem, including the PV system, and dynamically adjusts the energy demand most efficiently.



Mobile APP  

Product highlights



Power

Up to 22 kW of power to charge 130 km in 1 hour



User-friendly

A convenient app that provides full control, allowing users to authenticate, manage, and monitor the home's consumption



Programmable

Three charging modes to schedule, 100% solar energy, a combination of grid and PV, or the maximum available power to optimise charging and save money



Efficient

Dynamic adjustment of the energy demand when charging to prevent blackouts and peak shaving



Connected

Easy integration to our cloud-based platform Cosmos, or any other back-office through OCPP



Secure

Integrated DC leakage welded contact detection for safer charging and a cost-effective installation

General Specifications

Network	Ethernet 10/100 BaseTX Wi-Fi 2.4 GHz (IEEE 802.11 b/g/n)
Interface protocol	OCPP 1.6J
Enclosure rating	IP54 / IK10
Enclosure material	ABS-PCV0
Operating temperature	-30 °C to +50 °C
Operating humidity	5% to 95% Non-condensing
Light beacon	RGB colour indicator
Dimensions (W x H x D)	180 x 315 x 115 mm
Net weight	4 kg
RFID Reader	ISO / IEC 14443 A&B Felica ISO / IEC 15693
Safety protections	RDC-DC 6 mA Welded contact detection
Type(s) of system earthing for which the assembly is designed	TT / TN-S System
Power limit control*	Current clamp

*Only for single-phase models.

Optional devices	
Type 2 charging Socket/Cable	Shutter
Tethered cable (Straight, 5m length)	Type 1 Type 2 GB/T
Cable management	Cable roller
Power Balance & Solar	Single-phase meter Three-phase meter
Pedestal	Painted aluminum support
Customisation	Customisable logo area
Housing color	White* Black case and white frame

*Only available for cable model.

Models

Models	S	T
Power supply	1P + N + PE	3P + N + PE
Input voltage	230V AC +/- 10%	400V AC +/-10%
Output current	32 A	32 A
Output power	7,4 kW	22 kW
Housing color	Black	Black
Connection	1 x Type 2 socket 	1 x Type 2 socket 

Pedestals

