



# eHome 5

*The most convenient solution for charging at home using solar energy*

Designed to evolve one of Circontrol's top-selling products, the eHome 5 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.



## Product highlights



### Power

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



### User-friendly

A convenient app to authenticate, manage, and monitor the home's consumption



### Programmable

Up to three modes Charge with 100% solar energy, with a combination of grid and PV, at the maximum available power



### Efficient

Dynamic adjustment of the energy demand when charging to prevent blackouts and save money



### 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

# eHome 5

## General Specifications

Type(s) of system earthing for which the assembly is designed	TT / TN-S System
Frequency	50 / 60 Hz
Operating temperature	-30 °C to +50 °C
Operating humidity	5% to 95% Non-condensing
Connections	Ethernet 10/100 BaseTX Wi-Fi 2.4 GHz (IEEE 802.11 b/g/n)
RFID Reader	ISO / IEC 14443 A&B Felica ISO / IEC 15693
Interface protocol	OCPP 1.6J
Light beacon	RGB colour indicator
Enclosure rating	IP54 / IK10
Enclosure material	ABS-PCV0
Net weight	4 kg
Dimensions (W x H x D)	180 x 315 x 115 mm
Connector	Type 2 Socket
Residual direct current detecting device (RDC-DC)	RDC-DC 6 mA
Safety protections	Welded contact detection

## 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
Recommended cable cross section	6 mm <sup>2</sup> to 10 mm <sup>2</sup>	6 mm <sup>2</sup> to 10 mm <sup>2</sup>
Connection	1 x Type 2 socket 	1 x Type 2 socket 

### Optional devices

Cable management	Cable holder
Type 2 charging Socket/Cable	Shutter
Tethered cable (Straight, 5m length)	Type 1 Type 2 GB/T
Power Balance & Solar	Single-phase meter Three-phase meter
Pedestal	Painted aluminum support
Customisation	Vinyl or logo

## Pedestals

ONE EHOMÉ	TWO EHOMÉ
