

# Home CLU

## DYNAMIC POWER SHARING

Home CLU is a dynamic control unit used to optimize charging of electric vehicles at home. Home CLU measures the current going through the main fuse, and directs available surplus power to connected charging stations. Power sharing of up to six charging points per Home CLU via separate BUS cable (RS485). Installation and configuration is done by certified installer. The installer configures Home CLU with the Home CLU app.



### General information

Model	Home CLU
Model number	SBCH1
EAN number	4011721175676
Commodity code	85423111
Packaging unit (PU)	1 unit
Dimensions (unit H x W x D)	91 x 54 x 58 mm
Dimensions (H x W x D)	135 x 145 x 70 mm
Weight (unit)	600 g
Includes	Home CLU module, power supply, cables, plugs and sensors

### Product information

Power supply	12 V DC / 230 V power supply
Power sharing	Control unit for dynamic power sharing
Adjustable electronics	Control up to six charging points. Configuration is done for each installation.
Max. current	up to 80 A per split-core current transformer
Sheathed cable for split-core transformer	NYM-J 5 x 2,5 mm <sup>2</sup> to NYM-J 3 x 4 mm <sup>2</sup>
Measure DIN-rail	Total 4,5 module widths (3 Home CLU + 1.5 for power supply)
Color	Light grey
Material	PC V0
Operating temperature	-25°C to 40°C
Relative humidity	5 to 95% - no condensation
Installation/Cable entry	Delivered with separate power supply 12V-DC for DIN-rail. ABL recommends using a separate fuse (e. g. 6 A RCBO) to protect the power supply.