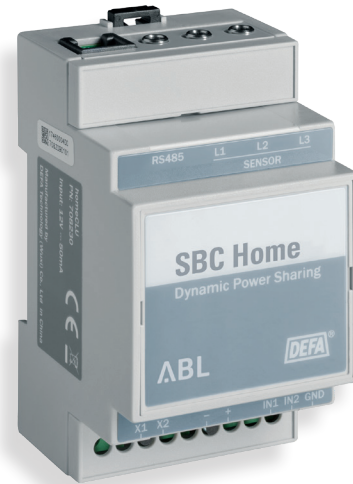


# SBC Home

## DYNAMIC POWER SHARING

SBC Home is a dynamic control unit used to optimize charging of electric vehicles at home. SBC Home 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 SBC Home via separate BUS cable (RS485). Installation and configuration is done by certified installer. The installer configures SBC Home with a Windows PC or Android app by setting distribution network (TN, IT or TT), main inlet fuse size, number of charge points and type of controller.



### General information

Model	SBC Home
Part number	SBCH1
EAN number	4011721175676
Commodity code	85371091
Packaging unit (PU)	1 unit
Dimensions (unit HxWxD)	91 x 54 x 58 mm
Dimensions (packaging HxWxD)	135 x 145 x 70 mm
Weight (unit)	600 g
Includes	SBC Home module, power supply, cables, plugs and sensors
Warranty	3 years from purchase date

### Product information

Power supply	12V DC
Power sharing	Control unit for dynamic power sharing
Adjustable electronics	Control up to six charging points. Configuration is done for each installation.
Measure DIN-rail	Total 4,5 module widths 3 SBC Home + 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 a separate fuse for control power (e.g. a separate B-6A fuse or RCBO).