

Home CLU

DYNAMIC POWER DISTRIBUTION

Home CLU is a dynamic control unit used to optimize the charging of electric vehicles in domestic settings. The Home CLU unit measures the current at the main fuse and distributes the available power output to up to six charging points connected via BUS (RS485) cable. Installation must be carried out by a certified installer who also configures the unit using the associated app.



General information

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|-----------------------------|---|
| 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 (HxWxD) | 135 x 145 x 70 mm |
| Weight (unit) | 600 g |
| Components included | Home CLU module, external power adapter, cables, connectors and sensors |

Product information

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| Power supply | 12 V DC / 230 V external power supply |
| Power distribution | Control unit for dynamic power distribution |
| Adjustable electronics | Controlling up to six individually configured charging points |
| Max. current | up to 63 A per split-core current transformer |
| Sheathed cable for split-core transformer | NYM-J 5 x 2.5 mm ² to NYM-J 3 x 4 mm ² |
| DIN-rail module width | Total 4.5 module widths (3 Home CLU + 1.5 for external power adapter) |
| Color | Light grey |
| Material | PC V0 |
| Ambient operating temperature | -25°C to 40°C |
| Relative humidity | 5 to 95% - no condensation |
| Installation/Cabling | Separate 12V DC external power adapter for DIN-rail included. ABL recommends using a separate fuse (e.g. a 6 A RCBO) to protect the external power adapter. |