

# Technical data sheet

## Ion Charging station Key protect

Item number: 6570026



The Ion charging station for the charging of electrical vehicles in private areas as a singular charging point. Suitable for permanent mounting on the wall in interior or protected exterior areas.

- Charging according to Mode 3 in accordance with IEC 61851-1
- Single, double and three-phase charging
- Suitable for TN and TT networks
- Integrated temperature monitoring
- DC error current monitoring
- Status information via LED display
- Prewired, ready for connection
- Including 5 m charging cable with type 2 charging connector and cable bracket
- Supply from above or below
- Stainless steel design elements
- Charging power can be limited to a fixed value, factory-set value 11 kW
- Integrated surge voltage protection for power and data cables
- Modbus RTU protocol via RS-485 interface for bidirectional communication
- Can be controlled via Modbus RTU for dynamic load management, dynamic PV-optimised charging and digital authentication (via web/app) with external control (ASKI, Smart1Solutions, Loxone, Comexio)
- Potential-free enable contact, e.g. for PV systems, ripple control receiver
- With key switch for authorisation



**PC** Polycarbonate

**L** Painted

### Master data

|                                    |                           |
|------------------------------------|---------------------------|
| Item number                        | 6570026                   |
| Type                               | WB AC BL KS SPD           |
| Description 1                      | Charging station          |
| Description 2                      | Key Protect               |
| Manufacturer                       | OBO                       |
| Dimension                          | 370x340x136               |
| Colour                             | Black                     |
| Material                           | Polycarbonate             |
| Surface                            | Painted                   |
| Surface standard                   |                           |
| Smallest sales unit                | 1                         |
| Unit of quantity                   | Piece                     |
| Weight                             | 678 kg                    |
| Weight unit                        | kg/100 pc.                |
| CO2 Footprint (GWP) Cradle-to-Gate | 20,9328 kg CO2e / 1 Piece |

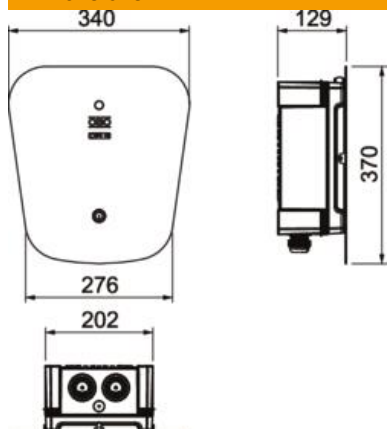
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### Dimensions



|        |        |
|--------|--------|
| Width  | 340 mm |
| Height | 370 mm |

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|  |               |
|--|---------------|
| Number of SCHUKO sockets                 | 0             |
| Protection rating                        | IP66          |
| Protection rating IK code                | IK08          |
| Depth                                    | 136 mm        |
| Surge protection                         | yes           |
| Version for                              | 3-phase       |
| Number of charging points                | 1             |
| Max. Output per charging point           | 22 kW         |
| Nominal connection output                | 22 kW         |
| Mounting type                            | Wall mounting |
| Number of type 1 charging connectors     | 0             |
| Number of type 1 CCS charging connectors | 0             |
| Number of type 2 charging connectors     | 1             |
| Number of type 2 CCS charging connectors | 0             |
| Number of type 2 charging sockets        | 0             |
| Number of GB AC charging connectors      | 0             |
| Number of GB DC charging connectors      | 0             |
| Number of GB charging sockets            | 0             |
| Number of type 3 charging sockets        | 0             |
| Number of CHAdeMO charging connectors    | 0             |
| Number of CEE sockets                    | 0             |
| With domestic junction box (HAK)         | no            |
| Number of type A Fi switches             | 0             |
| Number of type B Fi switches             | 0             |
| With circuit breaker                     | no            |
| With communication interface             | yes           |
| With energy meter                        | no            |

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|                         |     |
|-------------------------|-----|
| Access control function | yes |
| With load management    | no  |