

## THE RESIDENTIAL CHARGING STATION

The INGEREV® GARAGE Basic is a practical, simple and functional way to charge your electric vehicle.

The INGEREV® GARAGE Basic is specifically intended for installation on private property, such as private, community or company garages.

Its robust and durable design, with a steel body and aluminium front, means that this charging station can also be installed outdoors.

The INGEREV® GARAGE Basic has been designed to international standard IEC 61851, offering the possibility of charging vehicles in mode 3 of this standard.

The station is equipped with a vehicle connection cable, making the daily charging task cleaner and more convenient, as users don't have to bother about getting out their vehicle power cord and storing it after use.



The INGEREV® GARAGE Basic is available in either a single or three phase version, with power outputs ranging from 4.6 to 22 kilowatts. Vehicles can therefore be charged in times ranging from 1 hour to a maximum of 6 to 7 hours, depending on the type of vehicle and charger.

Two model alternatives are available, based on the socket required to recharge the vehicle. One is equipped with a Type 1 socket, whilst the other has a Type 2 socket, according to the definition of standard IEC 62196-2.

Users are offered the possibility of charging either at the rated power or at a limited power output so that more power is then available for the rest of the installation. The rated power and limited power options are both user-configurable, within the permissible technical limits.

The station's USB connection can be used to change the parameter settings, access the charging logs, and update firmware, with the possibility of adding upgrades and updates throughout the service life of the charging station.

### FUNCTIONALITY

- Wall mounted, for indoor and outdoor installations.
- Mode 3 vehicle charging (IEC 61851).
- Maximum charging power from 4.6 to 22 kW.
- 6 meters of integrated connection cable, Type 1 or Type 2 (connection mode C of IEC 61851).
- Cable hanger included.
- Key operated.
- Selection of rated power or limited power.
- LED status indicator.
- Updates and setting configuration via USB.
- Report downloading via USB.
- Access to safety devices through the bottom cover.
- Optional meter.

**INGEREV® GARAGE Basic**

**IEC 61851 charging modes**

|                      |      |
|----------------------|------|
| Mode 3               | ✓    |
| Type of installation | Wall |

| Model                               | GB120-C1   | GB132-C1 | GB120-C2 | GB132-C2 | GB332-C2 |
|-------------------------------------|--|----------|----------|----------|----------|
| <b>Power Supply</b>                 |  |          |          |          |          |
| Single Phase 230 V / 50 Hz (2P+E)   | ✓  | ✓        | ✓        | ✓        |          |
| Three Phase 400 V / 50 Hz (3P+N+E)  |  |          |          |          | ✓        |
| Amps per phase                      | 20   | 32       | 20       | 32       | 32       |
| Maximum power output (kW)           | 4.6  | 7.4      | 4.6      | 7.4      | 22       |
| <b>Connectors</b>                   |  |          |          |          |          |
| IEC 62196-2 - Type 1 (6m cable)     | ✓  | ✓        |          |          |          |
| IEC 62196-2 - Type 2 (6m cable)     |  |          | ✓        | ✓        | ✓        |
| IEC 61851 connection type           | Connection case C  |          |          |          |          |
| Operating temperature               | -25 °C to +50 °C   |          |          |          |          |
| Relative humidity                   | <95%   |          |          |          |          |
| IP rating                           | IP54 when the connector's lid is on / IP44 when the connector's lid is off                       |          |          |          |          |
| Vandal-proof class                  | Via USB  |          |          |          |          |
| Data configuration and access       | IK08   |          |          |          |          |
| Directives                          | Low voltage 2006/95/CE<br>EMC: 2004/108/CE<br>Renault-Nissan ZE Ready and EV Ready certification |          |          |          |          |
| Enclosure                           | Painted steel: RAL9003<br>Cast aluminium front   |          |          |          |          |
| Dimensions (height x width x depth) | 472 x 360 x 166 (excluding cable)  |          |          |          |          |
| Weight                              | 10 kg  |          |          |          |          |

**Optional equipment\***

|                             |                                    |
|-----------------------------|------------------------------------|
| Residual current protection | 30 mA Class A                      |
| Over-current protection     | Miniature circuit breaker, C Curve |
| Over-voltage protection     | Class 2                            |
| Energy metering             | Class A active / Class B reactive  |
| Communications              | RS-485, Ethernet, 3G               |

**Notes:** \* Consult availability, depending on the model.

