

THE SMART WALLBOX

The INGEREV® GARAGE product line has been designed for use in public car parks, hotels, shopping and leisure centres, private parking lots, housing blocks, etc...

The INGEREV® GARAGE charging station models are equipped with a power outlet Type 2 that is compliant with the IEC 62196-2 standard, permitting vehicle recharging in mode 3 of the IEC 61851 international standard, for a guaranteed safe charging process.

Furthermore, the INGEREV® GARAGE models can be fitted with an additional power outlet for charging in modes 1 and 2.

The INGEREV® GARAGE range are all supplied with the same enclosure design, intended to be wall-mounted either indoors or outdoors.

Available in either a single phase or three phase version, with a maximum current of up to 32 Amps per phase, with a maximum power output of 22 kW.

This makes the charging process as much as 6 times quicker than through a domestic socket.

The INGEREV® GARAGE charging stations are equipped with a cable retention system (only for Mode 3) to prevent removal by unauthorised users.

In the event of a power cut, the INGEREV® GARAGE charging stations automatically return to their status prior to the power failure, guaranteeing successful completion of the charging process.

Each INGEREV® GARAGE is enabled for remote communication with a control centre, offering the possibility of monitoring demand and setting charging rates, either through Ingeteam's proprietary software or integration in third party control centres.



FUNCTIONALITY

Each INGEREV® GARAGE charging station has the following basic functionality:

- Charging modes 1, 2 and 3 according to standard IEC 61851.
- Identification by RFID access card.
- MID meter for power and energy measurement.
- LED RGB status indicators.
- Multi-lingual display with customisable text.
- Power output adjustment.
- Configuration and local management through RS485.
- Ethernet and 3G remote control (optional accessory).
- Compatible with OCPP protocol (optional accessory).
- Possibility of deferred charging through keyboard.
- Anti-graffiti paint.
- IP54.
- IK10 (Display IK08).
- DLM - Dynamic Load Management (optional accessory).

	INGEREV® GARAGE Wall		INGEREV® GARAGE One	
IEC 61851 charging modes				
Mode 1 & 2	✓		✗	
Mode 3	✓		✓	
Model	GW132	GW332	G0132	G0332
Supply				
Single-phase 230 V / 50 Hz (2P+T)	✓	✗	✓	✗
Three-phase 400 V / 50 Hz (3P+N+T)	✗	✓	✗	✓
Maximum current per phase (A)	32 A		32 A	
Input maximum power (kW)	7.4	22	7.4	22
Socket outlets				
Schuko CEE 7/4 Type E/F	10 A		✗	
IEC 62196-2 Type 2	32 A		32 A	
Output maximum power in Mode 3 (kW)	7.4	22	7.4	22
IEC 61851 connection type	Case connection B			
Operating temperature	-25 °C up to +40 °C			
Relative humidity	<95%			
General Information				
Residual Current Device + Miniature Circuit Breaker	RCD 30 mA Class A + MCB Curve C (auto reset optional)			
Kit Type B RCD equivalent	Optional			
Energy metering	MID meter			
RFID reader	ISO 14443A / Mifare - 13.56 MHz			
Local communications	RS-485			
Remote communications	Ethernet, 3G (optional accessory)			
OCCP	Open Charging Point Protocol (requires accessory for remote communications)			
IP rating	IP54			
Vandal-proof class	IK10 (Display IK08)			
Directives	Low voltage: 2014/35/EU EMC: 2014/30/EU			
Enclosure	Painted steel RAL 9003 and aluminum			
Dimensions (height x width x depth)	472 x 360 x 163 mm			
Weight	10 kg			

