

EV2SHARE

Compact charging solution

With a compact design, the EV2Share is the perfect solution for charging your electric vehicle when parked indoors and outdoors. The system allows up to 3 electric vehicles to be charged at the same time, providing the type 2 connector and 3 charging mode.



Solution for

- ✓ Condominiums
- ✓ Companies
- ✓ Offices
- ✓ Companies with car fleets



Highlights

- Three-phase and single-phase model (power)
- Single-phase AC power from 8 A up to 32 A
- Mode 3 charging type
- Composition of 1 Master unit and + 2 slave units (slave units can be applied or not)
- Dock with cable and type 2 plug
- 5 meter cable
- Control and management unit for automatic control and communication with the electric vehicle
- Option: spiral-type cable with memory position
- Control and registration access
- Consumption record
- Dynamic charge regulation according to the number of vehicles charging and the available power in the switchboard

Hardware Technical Specifications

Power input	210 ~ 245V AC, 50 to 60Hz single phase or 400V AC three phase
Consumption power	Sleep / idle mode < 1W (max 3W in charging mode)
Maximum current	8 A to 32 A (per phase)
Power	2 kW to 7 kW single-phase (per charging unit)
Number of poles	1P + N + PE (per charging unit)
Charging mode	Mode 3
Cable length	5 meters with type 2 plug
Electrical safety	Galvanic isolation between high and low voltage
Operating conditions	Operating temperature: -10°C to + 65°C Operating humidity: 20% to 90% Relative Humidity, non-condensing Storage temperature: -40°C to + 80°C, 10 to 95% RH, non-condensing
Updates	Firmware update via internal connector and over-the-air software
Protection	40A Circuit Breaker
Box dimensions	320 x 240 x 100 mm
Weight	1.7 + 1.1 + 1.1 Kg
Protection index	IP 65
Applicable environment	indoor or outdoor
Installation	Wall mount
Management and communication module	WIIPiDO - EV Charger

Description

MASTER

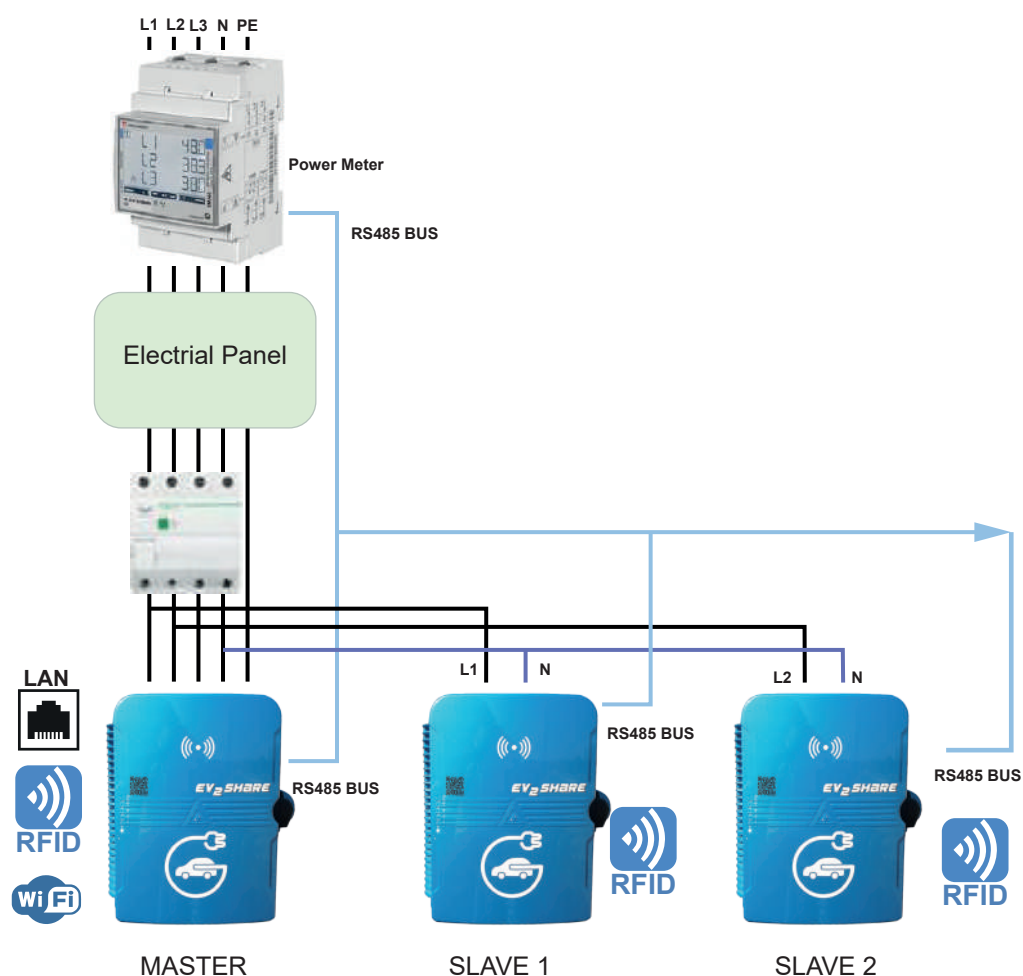
- » WiiPiDo Web Service embedded system (to enable SW platform)
- » EV, CP and PP charging control
- » Output for contactor control (solid state relay)
- » Communications Wifi + 3G/4G or Eth
- » RS485 interface (dedicated to the power meter that will measure the electrical panel input to the global system)
- » IRS485 interface (dedicated for communication with Slaves)
- » Charge plug lock control
- » RGB LEDs for signaling
- » RFID card reader
- » 3 inputs for CTS current meters (three-phase or single-phase)

- » Control of up to 2 slaves
- » Single-phase or three-phase power supply
- » Single-phase charging from 2 to 7 kW

SLAVES

- » Microcontroller based system
- » 1 CT current meter (single phase)
- » EV, CP and PP charging control
- » Output for contactor control (solid state relay)
- » Charge plug lock control
- » RGB LEDs for signaling
- » RFID card reader
- » Single-phase charging from 2 to 7 kW

Operating diagram



Cofinanciado por:

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