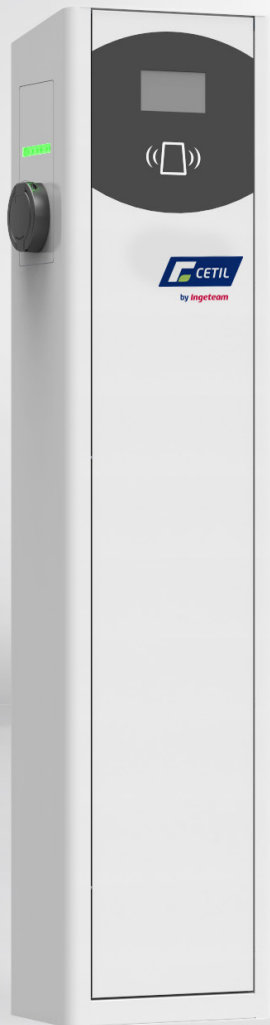


ED 072 / 222

Charging stations



ED 072 / 222

The ED 072 and ED 222 charging stations are the options offered by Cetil Ecotechnology to cover the low-power charging necessities of service stations when they aim for a low initial investment.

This range of chargers is available in two versions, ED 072 and ED 222 for ground mounting and ED 072W and ED 222W for wall mounting.

Its standard features include advanced functions such as Dynamic Load Management 2.0 (DLM 2.0), Ethernet and Wifi communications, and OCPP protocol.

Cetil Ecotechnology is collaborating with Ingeteam with the objective of offering a trustworthy product with the highest quality and the backing of both companies, which assures a reliable operation and a first rate after-sales service.

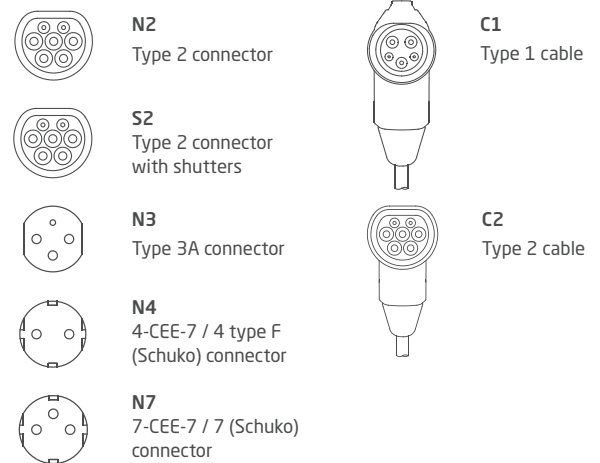
Standard configuration

- Suitable for outdoor installation
- Single phase and three phase models, with up to 32 amps per charging socket.
- Measurement of power output
- MID energy measurement (Except ED 222 BASIC)
- Status indicators
- Customizable RGB screen
- RFID reader- Ethernet y WiFi
- Ethernet and WiFi
- DLM 2.0
- OCPP
- Ethernet switch
- Warning message in the event of a power outage
- General AC breaker for rapid disconnection
- Type A RCD protections; C-Curve MCB (Except ED 222 BASIC)
- Overvoltage protection devices

Options

- Multiple connector options
- Image customization
- 3G Modem
- DC current leakage detector

Type of connector



	ED 072	ED 222	ED 072W	ED 222W
AC inputs and outputs	Single phase (FS1)	Three phase (FS3)	Single phase (FW1)	Three phase (FW3)
AC power output	1ph. + N + PE	3ph. + N + PE	1ph. + N + PE	3ph. + N + PE
Input voltage in AC	230 Vac ±15%	400 Vac ±15%	230 Vac ±15%	400 Vac ±15%
Maximum input power	14,8 kW (7,4 kW + 7,4 kW)	44 kW (22 kW + 22 kW)	14,8 kW (7,4 kW + 7,4 kW)	44 kW (22 kW + 22 kW)
Frequency	50 / 60 Hz			
Maximum inout current	64 A (32 A + 32 A)			
Output connectors	Configurable (type 1 and type 2, for socket and cable alike, type 3A, 4-CEE-7/4 type E, 7-CEE-7/7 type E)			
Connection mode	5 socket types and 2 cable types			

Standards and safety

General standards	IEC-61851-1, IEC-61851-21-2, IEC-61000
Over-current	MCB (curve C) ⁽¹⁾
Indirect contacts	RCD 30mA type A ⁽¹⁾⁽³⁾ / DC current leakage detector (optional) ⁽²⁾

Functionalities and accessories

Communications	Ethernet, Wifi, Switch Ethernet GPRS-3G (optional)
Communications protocol	OCPP (Standard and customized version)
HMI	4.3" TFT color screen, RFID (Mifare Classic 1K&4K, MifareDesFire WV1, NFC)

General information

Consumption in stand-by mode	<10W			
Energy metering	x MID approved wattmeters ⁽¹⁾			
Operating temperature	-25°C to 50°C			
Humidity	<95%			
Weight	33kg (2 x Type 2)	33kg (2 x Type 2)	24kg (2 x Type 2)	24kg (2 x Type 2)
Dimensions (height x width x depth)	1.400 x 320 x 215mm	1.400 x 320 x 215mm	800 x 320 x 215mm	800 x 320 x 215mm
Housing	Galvanized steel			
Protection rating	IP54 / IK10 (display IK08)			
CE Marking	CE			
Directives	Low Voltage Directive: 2014/35/EU EMC Directive: 2014/30/EU			

Notes: ⁽¹⁾ Depending on the model ⁽²⁾ Type B alternative is available ⁽³⁾ Super-immunized.

Dispensers for
Service Stations



Measuring systems for
Trucks and Gantries



DISPENSING
SINCE 1953

CNG and LNG
Dispensers



Audited according to ISO9001 and
MID, ATEX and PED Directives