

Pulse 50-200

Charging terminal



SCALABILITY INNOVATION SIMULTANEOUS CHARGE



Scalability

The Pulse 50-200 charging station has been designed to be scalable. The terminal can initially deliver 50 kW and then accommodate additional modules to reach a maximum power of 200 kW.



Innovation

The Pulse 50-200 charging station complies with the latest communication standards and metrological requirements. Equipped with a touch screen, it has been designed to facilitate charging for users.



Simultaneous charging

Thanks to a modular design, the Pulse 50-200 terminal can deliver up to 2 x 100 kW simultaneously.

Pulse 50-200

+ PRODUCT

- Scalable from 50 kW to 200 kW
- Simultaneous charging of up to 3 vehicles (2 x DC + 1 x AC)
- Compatible with ISO 15118 PLUG&CHARGE and SMARTCHARGING
- Payment solution Credit card
- Color touch screen
- Meets metrological requirements
- Easy access for maintenance



TECHNICAL CHARACTERISTICS

USER EXPERIENCE

- Ultra-durable 10-inch color touch screen
- 4 languages available as standard
- MIFARE ISO14443A and 14443B RFID badge reader
- Credit card reader available as an option

CABLES

- Choice of 2 DC cables: COMBO 2 / CHAdeMO
- Useful length of cables in standard 5 m
- Cable return system
- 1 x Type 2S (standard electric vehicles) plug optional

ELECTRICAL COMPONENTS

- Differential protection type B 40A 30 mA for T2 socket
- Integrated three-phase circuit breaker
- 1 surge arrester
- 1 optional emergency stop

MEASUREMENT

- 1 AC MID meter
- 1 DC meter certified by LNE via optional DC cable

COMMUNICATION/SUPERVISION

- OCPP 1.6 JSON scalable 2.0
- 4G router
- ISO 15118 PLUG & CHARGE

DIMENSIONS (HxWxD) mm

- Without the cables: 2055 x 746 x 726 mm



TECHNICAL SPECIFICATIONS

Input voltage & current:

- Nominal voltage (U): 400 V Three phase
- Rated current (I): 400A

Output voltage:

- CHAdeMO: 500 V DC / 1000V DC from 100 kW
- COMBO 2: 500V DC in 50 kW / 1000V DC from 100 kW
- T2: 400 V three-phase AC

Output current:

- CHAdeMO: 200 A
- COMBO 2: 125A for 50 kW / 250A for 100 kW / 400A for 200 kW
- T2S socket: 32 A

Output power: Up to 200 kW DC & 22 kW AC

Output power per module: 25 kW DC

Neutral System: TT or TN

Altitude resistance: 2000 m

Degree of protection: IP54

Mechanical strength: IK10

Operating temperature: -25 to +50°C

Shell material: Painted electro-galvanized steel

Communication protocols: COMBO 2, CHAdeMO

STANDARDS

- EU certification
- IEC 61851-1:2019 Conductive charging system for electric vehicles
- IEC 61851-23:2014 Conductive charging system for electric vehicles - Part 23: Direct current charging station for electric vehicles
- Payment NFC PCI 5.0 EMV L1/L2 and GIE credit cards

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