



Electric Vehicles

Charging solutions for electric vehicles

COMPACT 50

The modular and connected multi-standard charger

Technical Features

General presentation

Enclosure	Stainless steel 204 with anti-graffiti coating
Colour	RAL 9003 / RAL 7016
Temperature	-10°C to +50°C
Cold option	-30°C to +50°C
Storage temperature	-10°C to +60°C
Humidity index	5% to 95% (non-condensing)
Dimensions (d x w x h)	635 x 920 x 1500 mm (without charging points)
Weight	400 kg max
IP index	IP 55
Shock resistance index	IK 10
Warranty	2 years

Connectivity and HMI

Display	7" color touch screen
Communication protocol	OCPP 1.5 / OCPP 1.6
Communication	3G, LAN, hotspot Wifi (option)
RFID	ISO14443A/B/B' (Mifare, Calypso, Desfire, NFC reader mode) Other specificities on demand

Power supply

Input voltage	400V ±10%, 50Hz ±5%, 3P+N+T
Maximum input power and current	103kW, 150A
Power factor	> 0.97
Electrical protection	Integrated MCBs and RDCs 30 mA Surge protector

DC output

DC charging point	Yes
DC voltage	50 - 500V
DC current	Up to 125A DC
DC Power @400V	50kW
Efficiency	95%
DC standards	CHAdeMO 1.2, CCS 2 (DIN70121:2014)
DC configuration	Independent configuration for each DC charging point (CHAdeMO ; CCS)
Cable	Usable length 4m Cable reel (option)

AC output

AC charging point	Attached cable or type 2S socket
AC power	43kVA (63A) or 22 kVA (32A)
AC standards	Compatible with EV Ready 1.4
Cable	Usable length 4m Cable reel (option)

Norms and certifications



Non-contractual picture



Simultaneous DC charging



Intuitive and connected interface



Scalable power from 25kW to 50kW



Designed and made in France






Non-contractual picture

COMPACT 50 CONFIGURATION

1. Plug configuration

Ref. SL-XXX-X-25-M-P-X-XXX

Configuration	Ref.
1 charging point  1 DC CHAdeMO plug with tethered cable 1 DC CCS type 2 plug with tethered cable or 1 DC CCS type 2	120 122
1 DC CHAdeMO plug with tethered cable 1 AC 43kW with tethered cable	267
1 DC CHAdeMO plug with tethered cable 1 DC CCS type 2 plug with tethered cable	269
2 charging points  1 DC CHAdeMO plug with tethered cable 1 AC type 2 plug in 22kW 1 DC CCS type 2 plug with tethered cable 1 AC 43kW with tethered cable	285 294
1 DC CCS type 2 plug with tethered cable 1 AC type 2 plug in 22kW	295
1 DC CHAdeMO plug with tethered cable 1 AC type 2 22kW plug with tethered cable	296
1 DC CCS type 2 plug with tethered cable 1 AC type 2 22kW plug with tethered cable	297
2 DC CCS type 2 plugs with tethered cable	298
2 DC CHAdeMO plugs with tethered cable	299

Configuration	Ref.
3 charging points  1 DC CHAdeMO plug with tethered cable 1 DC CCS type 2 plug with tethered cable 1 AC type 2 22kW plug	314
2 DC CCS type 2 plugs with tethered cable 1 AC type 2 22kW plug	328
2 DC CCS type 2 plug with tethered cable 1 AC type 2 22kW plug	329

Configuration examples,
please consult us for any specific configuration.

2. DC power management

Ref. SL-XXX-X-25-M-P-X-XXX



Mono DC
Ref. O

A unique charging point (CCS Combo ou CHAdeMO) delivers 100% of the available DC power.
Configuration with 1 DC cable or 1 DC cable + 1 AC cable



Shared
Ref. D

The DC power available is equally divided into the 2 charging points.



Premium
Ref. P

The DC power available is delivered (depending on the status and the EV charging requirements) via a smart system on the 2 DC charging points.

3. DC total power

Ref. SL-XXX-X-25-M-P-X-XXX

Power	Ref.
25kW DC	1
50kW DC	2

4. Options

Ref. SL-XXX-X-25-M-P-X-XXX

Option	Ref.	Option	Ref.
Remote emergency stop button	A2	Door opening sensor	E2
Detection loop: car detection on a carpark place dedicated to one charging point	B0	Cold option : operating temperature until -30°C	V
- 1 parking place	B1	MID individual meter : MID certified metering of the consumption per charging point	Z1
- 2 parking places	B2	Cable reel	Consult us
- 3 parking places		Wifi hotspot	Consult us
Wireless detection sensor: car detection on a carpark place dedicated to one charging point via a wireless sensor	D0		
- 1 parking place	D1		
- 2 parking places	D2		
- 3 parking places			

For any specific equipment, please consult us.