



Electric Vehicles

Charging solutions for electric vehicles

# Ultra 150

The evolutive high power charger

## Technical Features

### General presentation

Enclosure	Stainless steel 204 with anti-graffiti coating
Colour	RAL 9003 / RAL 7016
Temperature	From -10°C to +50°C
Cold option	From -30°C to +50°C
Storage temperature	From -10°C to +60°C
Humidity index	5% to 95% (non-condensing)
Dimensions (d x w x h)	735 x 998 x 2000 mm (without charging points)
Weight	550 kg maximum
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) <b>Other specificities on demand</b>

### Power supply

Input voltage	400V ±10%, 50Hz ±5%, 3P+N+T
Maximum input power and current	208kW, 304A
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 378A DC
DC Power @400V	150kW
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



EV Ready

Certifications pending



Non-contractual pictures



Simultaneous DC charging



Intuitive and connected interface



Scalable power from 50kW to 150kW



Designed and made in France






Non-contractual pictures

# ULTRA 150 CONFIGURATION

## 1. Plug configuration

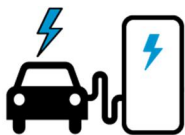
Ref. NG-XXX-X-25-M-P-X-XXX

Configuration	Ref.	Configuration	Ref.
<b>1 charging point</b>  1 DC CHAdeMO or 1 DC CCS type 2	1 DC CHAdeMO plug with tethered cable <b>120</b> 1 DC CCS type 2 plug with tethered cable <b>122</b>	<b>3 charging points</b>  1 AC type 2 1 DC CHAdeMO 1 DC CCS type 2	1 DC CHAdeMO plug with tethered cable <b>313</b> 1 DC CCS type 2 plug with tethered cable 1 AC type 2 22kW plug with tethered cable 1 DC CHAdeMO plug with tethered cable <b>314</b> 1 DC CCS type 2 plug with tethered cable 1 AC type 2 22kW plug 1 DC CHAdeMO plug with tethered cable <b>315</b> 1 DC CCS type 2 plug with tethered cable 1 AC 43kW plug with tethered cable 2 DC CHAdeMO plugs with tethered cable <b>326</b> 1 AC type 2 22kW plug with tethered cable 2 DC CCS type 2 plugs with tethered cable <b>327</b> 1 AC type 2 22kW plug with tethered cable 2 DC CHAdeMO plugs with tethered cable <b>328</b> 1 AC type 2 22kW plug 2 DC CCS type 2 plugs with tethered cable <b>329</b> 1 AC type 2 22kW plug 2 DC CHAdeMO plugs with tethered cable <b>330</b> 1 AC 43kW plug with tethered cable 2 DC CCS type 2 plugs with tethered cable <b>331</b> 1 AC 43kW plug with tethered cable
<b>2 charging points</b>  1 AC type 2 1 DC CHAdeMO 1 DC CCS type 2	1 DC CHAdeMO plug with tethered cable <b>267</b> 1 AC 43kW with tethered cable 1 DC CHAdeMO plug with tethered cable <b>269</b> 1 DC CCS type 2 plug with tethered cable 1 DC CHAdeMO plug with tethered cable <b>285</b> 1 AC type 2 plug in 22kW 1 DC CCS type 2 plug with tethered cable <b>294</b> 1 AC 43kW with tethered cable 1 DC CCS type 2 plug with tethered cable <b>295</b> 1 AC type 2 plug in 22kW 1 DC CHAdeMO plug with tethered cable <b>296</b> 1 AC type 2 22kW plug with tethered cable 1 DC CCS type 2 plug with tethered cable <b>297</b> 1 AC type 2 22kW plug with tethered cable 2 DC CCS type 2 plugs with tethered cable <b>298</b> 2 DC CHAdeMO plugs with tethered cable <b>299</b>		

Configuration examples, please consult us for any specific configuration.

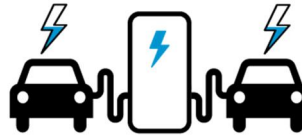
## 2. DC power management

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

Power	Ref.
50kW DC	2
75kW DC	3
100kW DC	4
150kW DC	5

## 4. Options

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

Option	Ref.	Option	Réf.
Remote emergency stop button	A2	Door opening sensor	E2
Detection loop: car detection on a carpark place dedicated to one charging point	B0	DC scalable power : retrofit to increase DC power up to 150kW	F2
- 1 parking place	B1	Cold option : operating temperature until -30°C	V
- 2 parking places	B2	MID individual meter : MID certified metering of the consumption per charging point	Z1
- 3 parking places		Cable reel	Consult us
Inverter : backup battery in case of power outage	C2	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.