



FASTE0 4 IN 1 AC/DC ULTRA FAST CHARGER



- Charging up to 4 cars simultaneously
- Installation: ground anchoring
- Built-in protection and compact footprint
- Integrated dynamic power distribution (DPD)
- Multilingual 7" LCD display to guide the users
- GSM/ETHERNET connection
- Cables and connectors attached
- 4 charging points available per terminal:
 - 2 DC points: COMBO 2 connector and cable (max 100 kW)
CHADEMO connector and cable (max 60 kW)
 - 2 AC points: Type 2 connector and cable (max 43 kW)
Type 2 socket (max 22 kW)
- Charges all electric vehicles
- OCCP 1.5 and 1.6

> USE

- Local authorities / Towns / Metropolis
- Road system and rest area
- Charging stations
- Companies, logistic centres
- Shopping centres



Fast charging

50 kW charge: 300 km in 1h
100 kW charge: 600 km in 1h



Protection degrees

- IP55 as per NF EN 60529
- IK10 as per NF EN 62262

Power	Socket type	Reference RAL 9003	Comm/power management
50 kW 4 in 1	Chademo/Combo/43 kW AC/22kW AC	13P2850060	•
100 kW 4 in 1	Chademo/Combo/43 kW AC/22kW AC	13P2850061	•
150 kW 4 in 1	Chademo/Combo/43 kW AC/22kW AC	13P2850062	•
50 kW 3 in 1	Chademo/Combo/43 kW AC	13P2850050	•
100 kW 3 in 1	Chademo/Combo/43 kW AC	13P2850051	•
150 kW 3 in 1	Chademo/Combo/43 kW AC	13P2850052	•
Power module 12.5 kW		13P2859087	-

Please call for other configurations.



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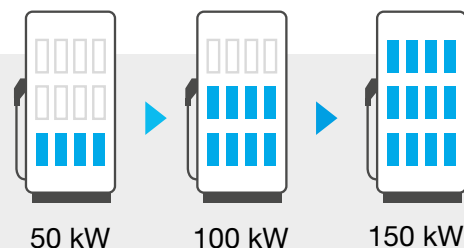
> CLIENT INTERFACE

Intuitive and multilingual display and indications on charging progress



> MODULAR

Terminal upgradeable by adding power modules (12.5 kW)



Modular scalability to charge next generation cars

> TECHNICAL DATA

Input

AC connection	3L + N + PE
AC voltage	400 VRMS (L-L) +/- 10%
Frequency	50 / 60Hz
Rated current	312 A _{RMS} at maximum power (150kW DC + 65kW AC)
Power factor	0.99
Mains terminal	Terminal strips
Transient OVP	Class II/C protection

User interface

Display	7" color display
Keypad	5 buttons - backlight
Local authentication	RFID reader

DC charge points - CCS & CHAdeMO

DC output voltage range	170 to 550V _{DC} - 170 to 1000V _{DC}
Maximum charge current	300 A _{DC}
Maximum charge power	150 kW _{DC}
Cable/access length	3.5 m / 2.5 m

Protections	Overcurrent circuit breaker Short circuit protection Overvoltage protection Low-voltage protection Isolation monitoring Earth monitoring
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DC charge points - Combo 2

Rating cable & gun	200 A _{DC} / 850V _{DC}
Compliance	IEC 61851-23 / -24 IEC 62198-3 - DIN 70121

General

Height (overall)	2079 mm
Width (body)	852 mm
Depth (overall)	998 mm
Weight	400 kg @ 50 kW DC 500 kg @ 150 kW DC
Protection	IP 55
Enclosure protection	IK 10
Efficiency rectifier	94%
Ambient temperature	- 25 to +45°C
Relative humidity	95% max, no condensation
Compliance & safety	IEC 61851-1 - CE RoHS : EN 50581
EMC	IEC 61851-21-2 EN 61000-6-1 / -2 / -4

AC charge points

Compliance	IEC 61851-22
AC plug 43kW charge point	IEC 62196-2 Mode 3, Type 2
AC socket 22kW charge point	IEC 62196-2 Mode 3, Type 2
Nominal AC voltage	400 V _{RMS}
Maximum charge current / power @ 43kW point @ 22kW point	3 x 63 A _{RMS} 3 x 32 A _{RMS}
Cable/access length	3.5 m / 2.5 m
Protections	RCD Type B Overcurrent circuit breaker Earth monitoring

DC charge point - CHAdeMO

Rating cable & gun	125 A _{DC} / 500V _{DC}
Compliance	IEC 61851-23 / -24 JEVS G 105 Rev. 1.0.1 compliant