

Pulse 150 & Pulse 300 by LAFON



SECURITY
ULTRA FAST
INTEROPERABILITY



Security

This charging terminal is meticulously prepared for work in harsh environments and fully meets regulatory and normative requirements.



Ultra Fast

The new ultra fast Pulse LAFON charger meets the requirements of car manufacturers and the expectations of the electric mobility market.



Interoperability

Compact and upgradeable, the ultra fast Pulse 150 and 300 chargers provide an economical response to the development of electric vehicle roaming.

Pulse 150 & Pulse 300

+ PRODUCT

- Ultra fast DC 75-300kW charge
- DC charges up to 4 vehicles simultaneously
- Scalable total power (with additional power module on rack)
- Easy and fast maintenance of power modules
- Ultra compact design
- Compatible with all types of vehicle



Pulse 150

Pulse 300

TECHNICAL CHARACTERISTICS

OPTIONS

- Self serve or identification by RFID badge
- AC type 2 charge
- Bank card payment solutions
- Payment module
- Customization of housing

DIMENSIONS (HxWxD) mm

- Pulse 150 : 2185 x 854 x 420
- Pulse 300 : 2185 x 854 x 732

WEIGHTS

- Pulse 150 : 300/400 kg (depending on configuration)
- Pulse 300 : 550/650 kg (depending on configuration)

STANDARDS

- Directive : RED 2014/53/EU
- Directive : EMC 2014/30/EU
- Directive : LVD 2014/35/EU
- UL2022 / UL2231-1/2, CAN/CSA C22.2
- Charge : ISO 15118/DIN70121/EV Ready
- EC Certification - UL



TECHNICAL SPECIFICATIONS

Vehicle interfaces : CCS1 or CCS2 uncooled cable acc. IEC 62196, CCS COMBO 2 active cooled cable acc. IEC 62196, CHAdeMO and/or 22 kW AC socket (option)

Operating temperature : - 30°C + 55°C

Relative humidity : 10% - 90%

Protection level : IP54

Efficiency : 94%

Sound level in operation : < 65dBA

AC input voltages :

3x400V (+ 10%)/50 Hz (+ 5%) AC

3x480V (+ 10%)/60 Hz (+ 5%) AC

AC input current & power (from grid) :

117 A, 80 kW @ 75 kW DC output power

233 A, 160 kW @ 150 kW DC output power

352 A, 240 kW @ 225 kW DC output power

466 A, 320 kW @ 300 kW DC output power

Harmonic distortion rate : < 7%

Power factor with active PFC correction : > 0.99

Max DC output power :

75 kW (1 module) 250A / 150 kW (2 modules) 500A

225 kW (3 modules) 500A / 300 kW (4 modules) 500A

DC output voltage range : 150V-1000V

Max output current :

Imax : 250A (75 kW system : uncooled cable + plug)

Imax : 500A (150 kW system : active cooled cable + plug)

Imax : 500A (225 kW/300 kW system : active cooled cable + plug)

Standard protocol : EN 61851-23/DIN 7021; ISO 15118 COMBO 2, CHAdeMO 1.0 (option)

RFID system : ISO/IEC 14443A/B, ISO/IEC 15693

Network connection : GSM-/CDMA-Modem, 10/100Base T-Ethernet

Communication protocol : OCPP 1.6

User interface : 15 " screen (option : touch screen display)

CONTACT

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