

EVERTA

Intelligent charging for electric vehicles

Product

EVERTA 180kW

Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional) and ADA compliance.
- Connect to any backend based on OCPP 1.6J protocol.



Specifications

Product	
AC Rated Input Power	400V/3P+N+PE 50/60Hz
AC Input Voltage Range	400V±15%
AC Rated Input Current	277A (185A for 120kW output)
Power Factor	≥0.99 @ Full Load
Efficiency	95%, 96.5% (optional), @ Full Load
Grid Type	TN-S, TN-C, TN-C-S, TT
Connector Type	CCS2+CCS2 (simultaneous charging)
Rated Power	180kW
Output Voltage	150-1000Vdc
Output Current	300A/connector

User Interface

Display	10.4-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, QR code, App (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693

Communication

Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE & Backend)	OCPP 1.6J, OCPP 2.0.1 (ongoing)
Protocol (EVSE & EV)	DIN 70121, ISO 15118

Environmental

Operating Temperature	-30°C to +55°C (Derating above 50°C)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% no condensation
Altitude	≤2000m

Mechanical

Enclosure	IP55 / IK10 (IK08 for screen)
Cooling	Forced air cooling
Charging Cable Length	5m (optional)
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3.8m operating range (cable will not touch ground)
Dimensions (WxHxD)	750*1790*720mm (without connector holder and cable management system)
Weight	Approx. 285kg (without power modules and cable management system) Approx. 15kg per power module Approx. 28kg cable management system
Installation	Ground mounting

Certification and standards

Standards and compliance	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED 2014/53/EU
Certification	CE, CB, RCM, WPC, NBTC, PTEC, PEA, SNI, NTC, TR25(ongoing), SPLN(ongoing)

* Images shown are for reference only. Final product specifications may vary.

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