

Main Features

- 150-1000Vdc wide output voltage range.
- Flexible configuration , high efficiency & maximum 500A output
- User friendly Cable Management System for easier operation.
- Connect to any backend based on OCPP 2.0.1J protocol.
- Flexible payment modes, equipped with payment terminal.



Specifications (DC1800ENO42|DC1800AN116XY)

General Information	
Input Rating	480Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+PE+N (Neutral Optional)
Input Current Rating	AC 250A (AC 170A for 120kW output)
Power Factor	≥0.99 @ Full Load, ≥1% accuracy
Efficiency	97%
Output Interface	CCS1+GBT, NACS+NACS, CCS1+CCS1(simultaneous charging)
Output Power	180kW max. (120kW optional)
Output Voltage	150-1000Vdc
Output Current	CCS1: 400A rating. GBT: 250A rating. NACS: 380A rating (All support 500A output for a short time)
OCPD (Overcurrent Protection Device)	400A
System Protection	Overload, Overvoltage, Undervoltage, Overcurrent, Short circuit, Over temperature, Ground fault, Integrated surge protection, IMD
User Interface	
Display	10.4" touch screen
Support Language	English and Spanish (Other languages available upon request)
Button and Switch	Emergency Button
User Authentication	RFID card, App, Payment Terminal, POS (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
Protocol (EVSE&EV)	DIN 70121, ISO 15118, GB/T 27930-2015
Environmental	
Operating Temperature	-22°F to 140°F (-30°C to 60°C) (Derating from 122°F/50°C)
Storage Temperature	-40°F to 158°F (-40°C to 70°C)
Humidity	5% to 95% no condensation
Altitude	above sea level 3,400 (equipment designed for installations above 2,000 m)
Mechanical	
NEMA Enclosure	Type 3R IP 54 , NEMA 4X IP65 (optional)
IK Rating	IK10 (Screen is IK08)
Cooling	Forced Air
Noise Emission	≤65dBA @3.3' (5m) (full load)
Charging Cable Length	16.4' (5m) or 23' (7m) (optional)
Cable Management System	Trapezoidal Swing Arm version
Dimensions (WxHxD)	2.62 x 6.73 x 2.46' (800 x 2050 x 750mm) (excluding cable management)
Weight	Approx. 903.9 lb (410kg) (excluding power modules)
Installation	Ground mounting
Certification and Standards	
Standards and Compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2, EN61851-23, IEC 61851-1, IEC 61851-21
Certification	CSA, FCC, OCA, Energy Star, CTEP, ISO 15118