

Terra 94

All-In-One 90kW DC Fast Charger



Description

This Terra all-in-one DC fast charger offers power up to 90kW. The compact, modular design makes it perfect for retail, highway or fleet use, with power sharing to further optimize utilization. All Terra chargers feature connectivity for remote services and OCPP enablement.

Key Benefits and Features

- User friendly control interface allows for PIN or RFID accessibility
- OCPP 1.6 standard supports integration into In-Control, In-Charge's EVSE management platform
- LTE Modem and LAN
- TUV Certified

Specifications

- Max Output Voltage: 90kW Max share the same housing
- Available with CCS1, Dual CCS1, and Dual CCS1 & CHAdeMO connectors
- DIN 70121, ISO 15118 protocols supported
- Dimensions (D x W x H): 34.6" x 22.2" x 74.8 x" / 880mm x 565mm x 1900mm
- Weight: 775lbs / 350kg



The Terra 94, 124, 184 share the same housing

Ordering Information

Configuration	SKU
Terra 94- Single CCS	ADC-90-200-C1
Terra 94- Dual CCS & CHAdeMO	ADC-90-200-C1CH

* When ordering the ABB Terra series with CCS/CCS connectors (-CC), order the -CJ which is designed to handle both CCS and CHAdeMo connector types.

Technical Specifications

Configuration	SKU
Voltage	480 Vac +/- 10 %
AC Input Power Connection	3-phase: L1, L2, L3, GND
Frequency	60 Hz
Recommended breaker	150A
Max Current Draw	115A
Power factor	>0.96
THD - Current	< 5%
Output Parameters	Value
Voltage	150 - 920Vdc
Current - Max	200A
Power - Max	90kW
System Efficiency - Max	>95
Controls and Interface	Value
Charging Connectors	CCS1, CHAdeMO
HMI	7" TFT LCD Display
Communication	OCPP 1.6J
Network Connection	GSM/3G/4G modem; 10/100 Base-T Ethernet
RFID	ISO/IEC 14443A/B, Mifare, Calypso
Language	English (others available on request)
Environment	Value
Temperature - Operating	-31 °F to +131 °F */ -35 °C to +55 °C
Temperature - Storage	14 °F to +158 °F / -10 °C to +70 °C
Humidity	5 - 95
Altitude - Operating	6560ft (2000 m)
Protection - Intrusion	IP54, NEMA 3R; indoor and outdoor rated
General	Value
Cable Length	19.6ft (6 m)
Safety and EMI	UL 2202, NEC Article 625, EN 61851, EN 62196

* Derating characteristics apply at extreme temperatures

