Solatek Fast Charging Station DC

SLTK-DCEV-(C2/GB-T)240

Solatek DC Fast charging station offers Electric Vehicle owners an opportunity to charge their car safely and quickly. A typical electric car with 95kWh battery pack could be charged up to 80% of its capacity in about 20minutes** (Depending on car's supported Charging protocol speed).

Solatek combines industry standardization with advanced charging technology to support next-generation electric vehicles. Its multi-protocol design allows for easy tailoring to support CHAdeMO, CCS1 & CCS2, Tesla, and GB/T for DC fast charging applications. Payment & billing platform solutions enable easy and secure payments via station payment terminals and RFID card.

High Voltage Charging Module

- Input Voltage range: 285Vac~485Vac
- Output Voltage range: 200V~1000VDC
- Output power: 240kW
- Fan intelligent speed regulation
- Fan failure detection alarm
- LED failure alarm

Main Features

- OCPP1.5 & OCPP1.6
- Galvanized cabinet
- Durable enclosure
- User friendly interface
- Built-in safety measures
- Flexible multi-protocol design
- Temperature range: -25°C to +65°C
- Tesla, CHAdeMO, CCS, GB/T Protocol
- compatible
- Data management and metering options

Applications

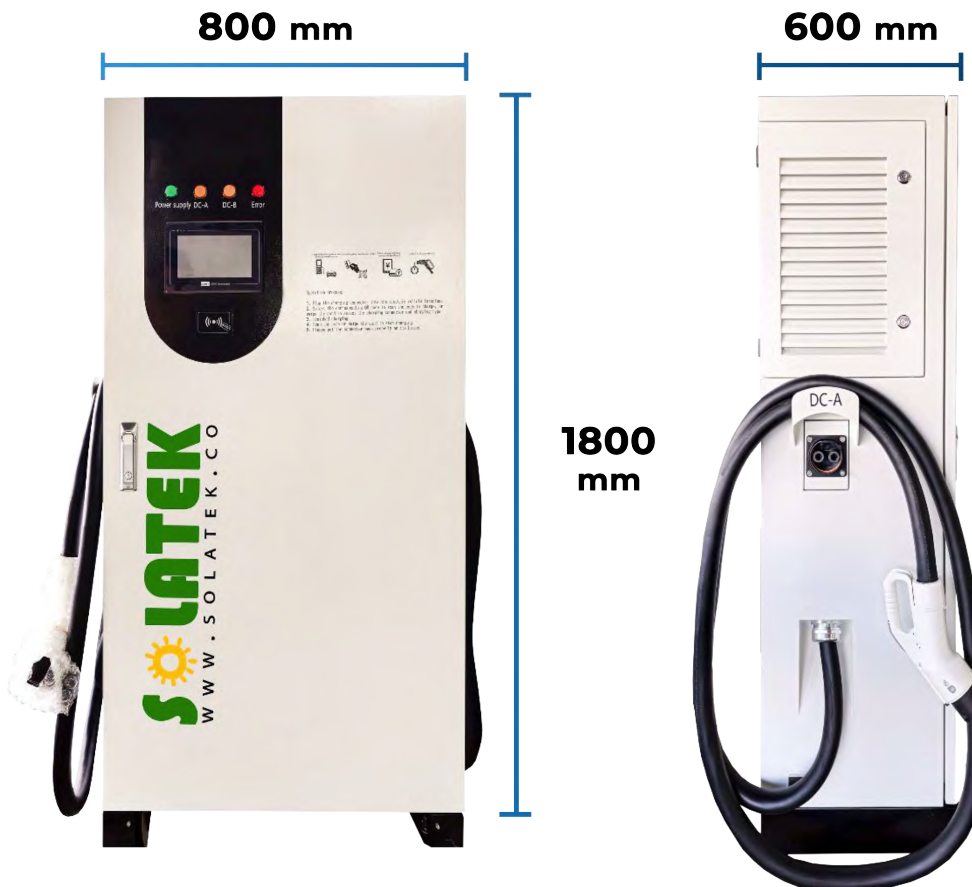| Highways	Parking	Service Station	Workplace	Fleet

Specifications

AC Nominal Input	
Phase	3 Phase + Neutral + PE
Voltage	305-520 VAC
Frequency	40 - 65 HZ (10%±)
DC Nominal Output	
Voltage	200 - 1000VDC
Power	240KW (Constant Power)
Output Current	0 - 250 A
Electrical Parameter	
Power Factor	≥ 0.99
Unequal Current Radio	≤ 5%
Stable Voltage Accuracy	≤ ± 0.5%
Stable Current Accuracy	≤ ± 1%
Efficiency	≥ 95% max
Soft Start Time	3 - 8 s
Auxiliary Power	12 V
Structure Design	
Installation Method	Ground Mount
Charging Outlet	CCS1 / CCS2 / CHAdeMO / GBT
Cable Length	5 m (Standard)
LED Indicator	1 Indicator
LCD Screen	10 Inch / 15 Inch Daylight Readable Touchscreen
Emergency Stop Button	Yes
Startup Mode	Plug-and-Play / RFID Card
RFID	Yes
Dimensions (W x D x H)	80x60x180 cm
Weights	≤ 450 kg
Communication	
EN-GATE vs. Charger	CAN 2.0 (CHAdeMO), CCS
Network Connection	Ethernet, Wi-Fi, 3G, 4G
Communication Protocol	OCPP 1.5 / 1.6 (JSON)
Environmental Index	
Operating & Storage Temperature	-25°C to 65°C
Working Humidity	5% - 95% Without Condensation
Working Altitude	< 2000m
Protection Grade	IP54
Installation Environment	Indoor / Outdoor
Cooling Method	Fan Cooling (Liquid Cooling for Option)
Security Protection	
Multiple Protection	Over / Under Voltage Protection, Overload Protection, Short Circuit Protection Over / Under Temperature Protection, Surge Protection, Communication Failure
MTBF	1000,000 Hours

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Drawings

Daylight Readable Touchscreen

Intelligent Cable Management Design

800 mm

600 mm

1800 mm

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