Solatek Fast Charging Station

SLTK-DCEV-(CC2/GB-T)60

Solatek DC Fast charging station offers Electric Vehicle owners an opportunity to charge their car safely and quickly. A typical electric car with 24kWh battery pack could be charged up to 80% of its capacity in less than 10 minutes.

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, CCSl & 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: 280Vac~480Vac
- Output voltage range: 200V~1000VDC
- Output power: 60kW
- 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

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Specifications

AC Nominal Input	
Phase	3 Phase + Neutral + PE
Voltage	280-480 VAC
Frequency	40 - 65 HZ (10%±)
DC Nominal Output	
Voltage	150 - 1000 VAC
Power	60KW (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 Daylight Readable Touchscreen
Emergency Stop Button	Yes
Startup Mode	Plug-and-Play / RFID Card
RFID	Yes
Weights	≤ 230 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	-30°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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LED status
indicator lights

10 Inch/15 Inch Daylight
Readable Touchscreen

Intelligent cable
management design

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