

DHI-ICS-D0060-D161E-T

DC EV Charger



System Overview

Designed for the European market, this product has more powerful data calculation and processing capacity, smarter dispatching strategy, better heat dissipation performance and lower noise, and fully meets the requirements of high- power DC charging of vehicles with European standard DC interface.

Functions

Stable and Reliable

With its low failure rate and low operation and maintenance cost, this device is a great buy. It is always available, easy to use and can help increase profits.

Highly Efficient

Saves power with its automatic heat dissipation system, which protects the device from heat loss and allows it to perform operations with great efficiency.

Safe and Effective

The active dual protection system keeps you and your assets safe from fire, electric shock and other related dangers through its stable network supply and unique design.

Eco-friendly

Built to help protect the environment, the device both produces very little noise and consumes a small amount of power, without compromising your convenience.

Fast Charging

Continuously outputs power at different voltages and temperatures.

Intelligent

Intelligently connects to multiple devices, and manages information and operations remotely.

Cable Management

The charging cable can be easily managed through the balancer.

Scene

Taxi, car, bus, shuttle buses, freight vehicles, public charging stations.

Technical Specification	
Output	
Phase	Three-phase+N+PE
Output Voltage	200–1000 VDC
Frequency	50 Hz
Current	Max 200 A
Rated Power	Max 60 kW
Charging Method	Charge simultaneously

Structure	
Installation Method	Floor standing
Connector Type	CCS2
Cable Length	5 m (16.40 ft)
Indicator	Yes
HMI	10.1 inch, in color touch screen
Payment Method	RFID/QR code
Meter	MID (PTB customize)
Efficiency	> 95%
Power Factor	> 0.98 (50%–100%)
Harmonic	< 5%

Communication	
Charger v.s. Ev	PLC (DIN 70121: 2014-12/ ISO15118)
Communication Protocol	OCPP 1.6

Environment Indicator	
Operating Temperature	−30 °C to +50 °C (−22 °F to +122 °F)
Operating Humidity	5%–95%(RH), non-condensing
Operating Altitude	<2000 m (6561.68 ft)
Enclosure Rating	IP54
Installation Environment	Indoor/Outdoor
Cooling Method	Air-cooling
Noise	≤60 dB

Protection	
Multiple Protection	Over voltage/under voltage protection, over load protection, short circuit protection
Certification	CE; IEC 62196; IEC 61851; EMC; EN55011; EN55022; IEC61000-4; IEC 6100-4-5 (6 kV @ 3000A)

Package	
Net Weight	≤ 350 kg (771.62 lb)
Gross Weight	≤ 400 kg (881.85 lb)
Package	Wooden Case

Ordering Information		
Type	Model	Description
Electric Vehicle Charger	DHI-ICS-D0060-D161E-T	Electric Vehicle Charger (60 kW)