DHI-ICS-D0060-D161E-T

60kW dual port DC Charger



Series Overview

DC Charging Station is designed to meet the highest standards of performance and convenience. Seamlessly integrating advanced technology, it offers a variety of user-friendly activation methods such as swiping a card, scanning a QR code, scheduling a charge, or using Plug and Play. It also supports both 4G and Ethernet connectivity and is compatible with OCPP 1.6J. This station ensures unparalleled flexibility and compatibility for modern charging networks.

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.

- 10.1-inch color touch screen.
- Supports multiple charging methods, including auto charge, RFID control and schedule to charge
- 4G and Ethernet connectivity.
- Supports OCPP 1.6J.
- Working temperature: –30 °C to +50 °C (– 22 °F to +122 °F).
- PLC communication.
- Built-in MID-certified meter that can be customized to meet PTB standards.
- Offers multiple safety protections.
- IP55 rated.
- 2-year warranty.

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.

DC Charging Station | DHI-ICS-D0060-D161E-T

Technical Specification

Power Input

Phase	Three-phase+N+PE
Input Voltage	400 VAC ± 10%
Frequency	50/60 Hz
Power System Type	TN-S, TN-C-S
Power Factor	> 0.98 (50%–100% Load)
Harmonic	≤5%

Power Output

Output Voltage	200–1,000 VDC
Current	Single connector: Max 200 A
Power	Single connector: Max 60 kW
Charging Method	Supports using two connectors to charge the vehicle at the same time.
Connector Type	CCS2*2
Highest Efficiency	≥ 95%
Output Voltage Accuracy	≤ ±0.5%
Output Current Accuracy	≥ 30 A, ≤ ±1%; < 30 A , ≤ ±0.3 A
Voltage Regulation Accuracy	≤ ±0.5%
Current Regulation Accuracy	≤ ±1%
Ripple Factor	≤ ±1%

Structure Design

Cooling Method	Controlled by the smart fan
Cable Holder	Included
Installation	Floor Mount Installation
Cable Length	5 m (16.40 ft)
Indicator Light	Included
HMI	10.1-inch color touch screen.
Payment Method	RFID/QR Code
Meter	MID Certified Meter (PTB Customized)
Efficiency	> 95%
RCD	Yes

Communication

Network Mode	4G, Ethernet
Communication Protocol	Between Connector and EV: PLC DIN 70121 (2014-12), ISO 15118 Between Charger and Platform: OCPP 1.6J/OCPP 2.0J (upgradeable)

Environment Indicator

Operating Temperature	-30 °C to +50 °C (-22 °F to +122 °F). Performance might be derated if temperatures exceed 50 °C.
Operating Humidity	5%–95%, non-condensing
Operating Altitude	≤ 2,000 m (6,561.68 ft)
Protection	IP55
Operating Environment	Indoor, Outdoor
Noise	≤ 65 dB

Dimension

Product Dimensions	850 mm × 610 mm × 2,000 mm (33.46" × 24.02" × 78.74") (L × W × H)
Packaging Dimensions	1,180 mm × 745 mm × 2,210 mm (46.46" × 29.33" × 87.01") (L × W × H)

Safety Protection

Multiple Protection	Protects against overvoltage, undervoltage, overload, short circuit, overtemperature, and surge. It can also support grounding protection.
Certifications	CE/CB Certifications: IEC 62196, IEC 61851 EMC Compliance: EN 55011, EN 55022 and IEC 61000-4-5 Surge Protection: IEC 61000-4-5

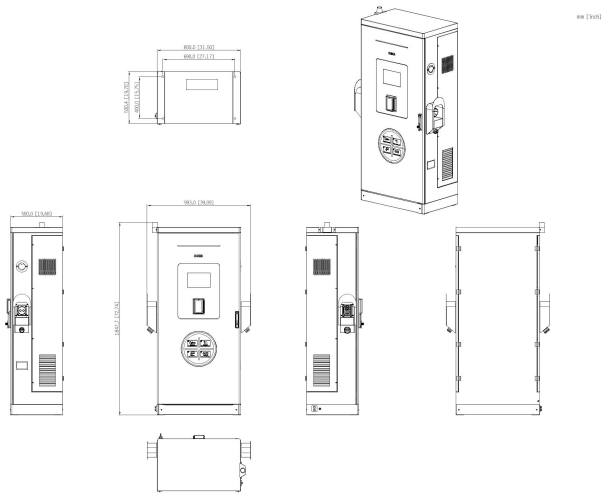
Package Information

Net Weight	≤ 350 kg (771.63 lb)
Gross Weight	≤ 400 kg (881.86 lb)
Package	Wooden case

Ordering Information

Type	Model	Description
DC Charging Station	DHI-ICS-D0060-D161E-T	60kW dual port DC Charger

Dimensions (mm[inch])



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DHI-ICS-D0080-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.

Electric Vehicle Charger | DHI-ICS-D0080-D161E-T

Technical Specification

Output

Phase	Three-phase+N+PE
Output Voltage	200–1000 VDC
Frequency	50 Hz
Current	Max 200 A
Rated Power	Max 80 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 1.6J

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-D0080-D161E-T	Electric Vehicle Charger (80 kW)

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DHI-ICS-D0120-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.

Electric Vehicle Charger | DHI-ICS-D0120-D161E-T

Technical Specification

Output

Phase	Three-phase+N+PE
Output Voltage	200–1000 VDC
Frequency	50 Hz
Current	Max 200 A
Rated Power	Max 120 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 1.6J

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	≤ 400 kg (881.85 lb)
Gross weight	≤ 450 kg (992.08 lb)
Package	Wooden case

Ordering Information

Type	Model	Description
Electric Vehicle Charger	DHI-ICS-D0120-D161E-T	Electric Vehicle Charger (120 kW)

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DHI-ICS-D0160-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.

Electric Vehicle Charger | DHI-ICS-D0160-D161E-T

Technical Specification

Output

Phase	Three-phase+N+PE
Output Voltage	200–1000 VDC
Frequency	50 Hz
Current	Max 200 A
Rated Power	Max 160 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 1.6J

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	≤ 400 kg (881.85 lb)
Gross weight	≤ 450 kg (992.08 lb)
Package	Wooden case

Ordering Information

Type	Model	Description
Electric Vehicle Charger	DHI-ICS-D0160-D161E-T	Electric Vehicle Charger (160 kW)

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DHI-ICS-D0240-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.

Electric Vehicle Charger | DHI-ICS-D0240-D161E-T

Technical Specification

Output

Phase	Three-phase+N+PE
Output Voltage	200–1000 VDC
Frequency	50 Hz
Current	Max 300 A
Rated Power	Max 240 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 1.6J

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	≤ 500 kg (1102.31 lb)
Gross weight	≤ 550 kg (1212.54 lb)
Package	Wooden case

Ordering Information

Type	Model	Description
Electric Vehicle Charger	DHI-ICS-D0240-D161E-T	Electric Vehicle Charger (240 kW)

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