



# Himel Electric Vehicle Charger Catalog 2024





Himel is an award-winning manufacturer and supplier of electric products for Low Voltage Power Distribution, Final Distribution, Power Management, Motor Control and Protection, Industrial Components, and Home Electric offers.



ACCESSIBLE



RELIABLE



AFFORDABLE



Low Voltage Power Distribution



Final Distribution



Power Management



Motor Control & Protection

We are determined to build a world where electricity is safe and accessible to one and all.



Committed to minimizing carbon footprint through smart & green manufacturing

80% factories carbon-neutral certified

88.3% proportion of green materials in products



We operate in over 55+ countries and specialize in manufacturing value-engineered electrical products for residential, commercial, and industrial sectors, while maintaining the highest standards of quality and performance.



55+

COUNTRIES



32K+

SKUs



130+

DISTRIBUTORS



7900+

POS



500+

TRADE STORES



38+

E-STORES



Control Components



Industrial Solutions



Solar Offer



Home Electric

We value opportunities for all and provide the best combination of affordable and reliable offers to meet the demand for access to safe electricity.



Get in touch with Himel Team at <https://www.himel.com/gb/contact-us>



Find a Local Himel Distributor at <https://www.himel.com/gb/find-a-distributor>



Reach Himel Global Team at [support@himel.com](mailto:support@himel.com)



Contact Global Himel Marketing and Communication Team at [sm.himel.communications@himel.com](mailto:sm.himel.communications@himel.com)

INTRODUCING

# Himel Electric Vehicle Charger

Comprehensive Solution for **Fast Charging**



Shorten  
Charging Time



Enhance  
Output Power



Decrease  
Power Dissipation



Reduce  
Cost per Watt



**HHEV SERIES**

# Electric Vehicle Charging Solution

Certificate: CE



supported with  
HHEV app



Available on the  
App Store



GET IT ON  
Google Play



## Selection Code

Range name	Current	Power	Charging Plug Type	4G
<b>HHEVXXX</b>	<b>XX</b>	<b>XXXv</b>	<b>XXX</b>	<b>XX</b>
HHEV2107 HHEV2108 HHEV3401 HHEV3701	<b>AC:</b> AC Charger <b>DC:</b> DC Charger	<b>XXXK:</b> XXX KW	<b>GB:</b> 1 GBT Plug <b>T2:</b> 1 Type 2 Plug <b>2GB:</b> 2 GBT Plug <b>2S2:</b> 2 CCS2 Plug <b>S2G:</b> 1 CCS2+ 1 GBT Plug	<b>4G:</b> with 4G modular

HHEV2107

# Himel EV AC Charger

Certificate: CE



## Compact Charging Solution



RESIDENTIAL



PARKING LOT



COMMERCIAL



FLEET



### Compact & Sleek Design

- Minimalist surfaces for futuristic look and feel
- Car grade metallic silver paint spraying for smooth texture
- Compact design suitable for garage pillars



### Easy to Install

- Rail mounting make the installation easier



### Comprehensive Security Protection

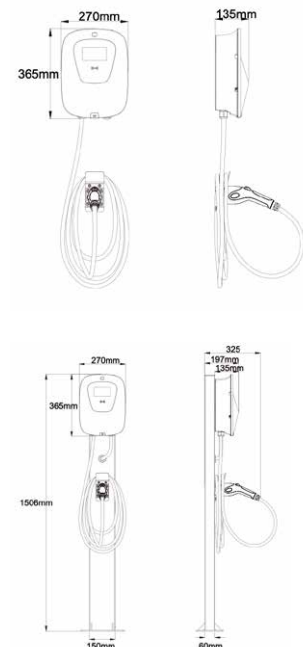
- 4 fault detection and 8 protection functions to ensure the users safety



### Easy to Use

- Bluetooth App is available for remote control
- With 4.3 inch screen and LED indicate function, check parameters and status easily
- Modular design for easier maintenance
- Fully comply with Open Charge Point Protocol (OCPP) to meet the application of various management platforms

### Dimensions



HHEV2107

# Himel EV AC Charger

Certificate: CE



## Product Specification

Power Input	Input Wiring Scheme	1P+N+PE	3P+N+PE
	Rated Voltage	230VAC±10%	400VAC±10%
	Rated Current	1P+N+PE	3P+N+PE
	Grid Frequency	50 / 60 Hz	50 / 60 Hz
Power Output	Output Voltage	230VAC±10%	400VAC±10%
	max. Current	16A or 32A	
	Rated Power	7.4kW	11kW or 22kW
User Interface	Charge Connector	Type 2 Plug	
	Cable Length	5m	
	LED Indicator	Green/Blue/Red	
	LCD Display	4.3" Touch Color Screen	
	RFID Reader	ISO/IEC 14443 RFID Card Reader	
	Start Mode	Plug & Charge/RFID Card/APP	
Communication	Backend	Ethernet/WiFi/Bluetooth   Optional: 4G	
	Charging protocol	OCPP-1.6J   optional: OCPP-2.0.1	
Safety and Certification	Energy Meter	Embedded Meter Circuit Component With 1% accuracy	
	Residual Current Device	Type A+DC 6mA	
	Ingress Protection	IP55	
	Impact Protection	IK10	
	Cooling method	Natural Cooling	
	Electrical Protection	Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection, Lightning Protection, Ground Protection	
	Certification	CE	
	Certification and Conformity	IEC61851-1, IEC62196-1	
Environment	Mounting	Wall-mount/Pole-mount	
	Storage Temperature	-40°C- +85°C	
	Operating Temperature	-30°C- +50°C	
	Max. Operating Humidity	95%, Non-condensing	
	Max. Operating Altitude	2000m	
Mechanical	Product Dimension	300mm*154mm*420mm(W*D*H)	
	Package Dimension	390mm*280mm*490mm(W*D*H)	
	Weight	5kg(Net ) / 6kg(Gross)	
	Accessory	Cable Holder, Pedestal(Optional)	

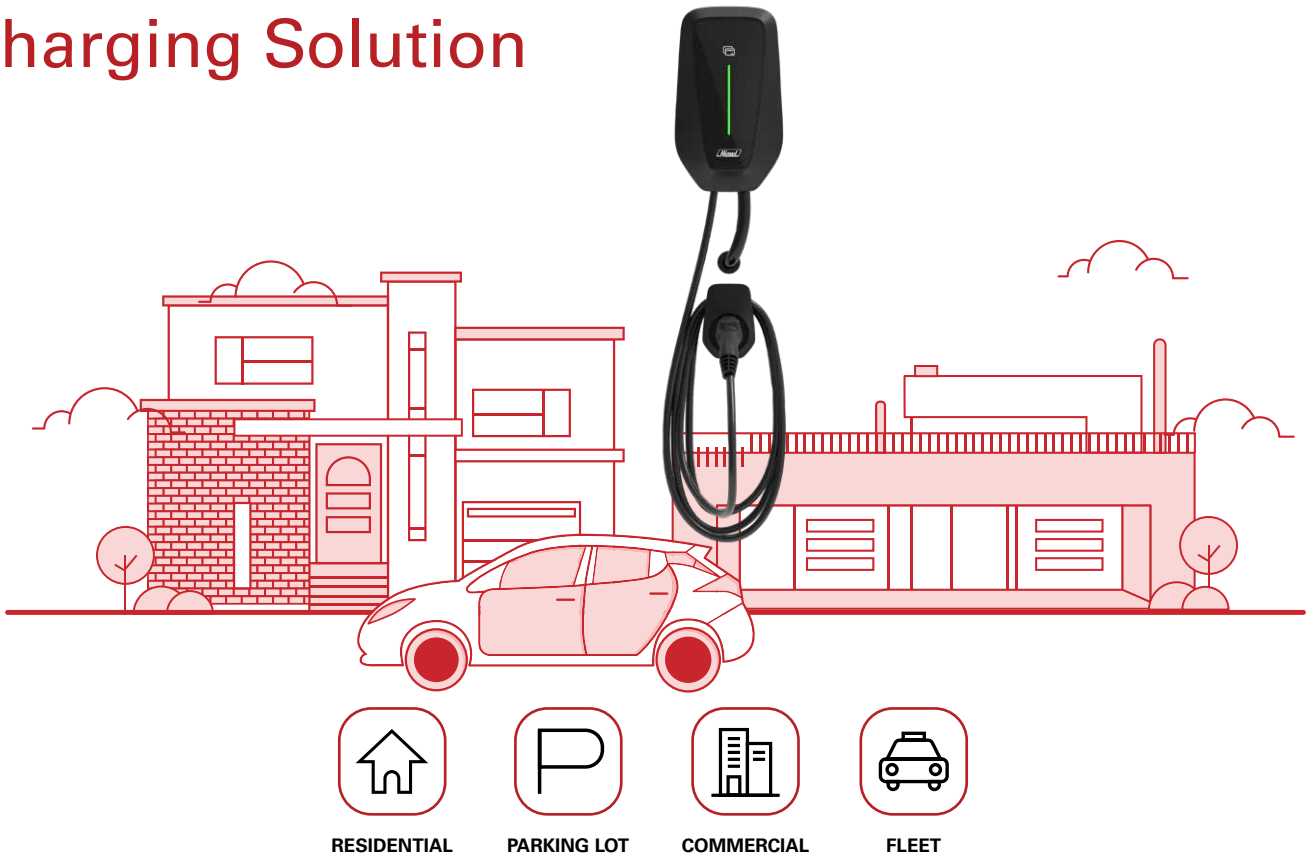
HHEV2108

# Himel EV AC Charger

Certificate: CE



## Flexible Charging Solution



### Compact & Sleek Design

- Inspired by the design of interstellar engine, extremely technological
- Compact design suitable for garage pillars



### Easy to Use

- Bluetooth App is available for remote control
- With big LED indicate function, check parameters and status easily
- Fully comply with Open Charge Point Protocol (OCPP) to meet the application of various management platforms



### Comprehensive Security Protection

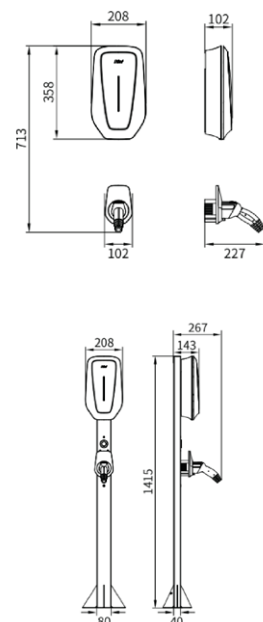
- Multiple guarantees in all aspects such as grounding fault detection, short circuit protection, and intelligent dual temperature control, avoiding various charging safety dangers
- Automatic disconnection of charging pile after full charging, and protection of vehicle battery



### Flexible Application

- Optional wall-mount and stand-mount to save installation space
- IP65 high waterproof level for better outdoor use

### Dimensions





HHEV2108

# Himel EV AC Charger

Certificate: CE



## Product Specification

Power Input	Input Wiring Scheme	1P+N+PE
	Rated Voltage	230VAC±10%
	Grid Frequency	50Hz or 60Hz
Power Output	Output Voltage	230VAC±10%
	max. Current	32A
	Rated Power	7.4kW
User Interface	Charge Connector	Type 2 Plug
	Cable Length	5m
	LED Indicator	Green/Blue/Red
	RFID Reader	ISO/IEC 14443 RFID Card Reader
	Start Mode	Plug&charge/RFID Card/APP
Communication	Backend	Bluetooth / Wi-Fi /Cellular/ Ethernet
	Charging protocol	OCPP-1.6J
Safety and Certification	Energy Meter	Embedded Meter Circuit Component With 1% accuracy
	Residual Current Device	Type A+DC 6mA
	Ingress Protection	IP65
	Impact Protection	IK08
	Electrical Protection	Over/Under Voltage Protection,Over Current Protection, Short Circuit protection, Over/Under Temperature Protection,Lightning Protection, Ground Protection
	Certification	CE
	Certification and Conformity	IEC61851-1,IEC62196-1
Environment	Mounting	Wall-mount/Pole-mount
	Storage Temperature	-40℃ - +85℃
	Operating Temperature	-30℃ - +50℃
	Max.Operating Humidity	95%RHNon-condensing
	Max. Operating Altitude	2000m
Mechanical	Product Dimension	208mm*358mm*102mm(W*D*H)
	Package Dimension	270mm*420mm*220mm(W*D*H)
	Weight	3.3kg(Net ) / 4kg(Gross)
	Accessory	Cable Holder,Pedestal(Optional)

HHEV3401

# Himel EV DC Charger [Low-Wattage]

Certificate: CE



## Cost Effective Charging Solution



### High Efficiency

- High-power DC output, perfect for longer trips and high traffic situations
- Up to 98% power factor and 95% charging efficiency to save energy



### Excellent Adaptability

- Wall mounting or column mounting options.
- High car charging compatibility to meet the needs of different types of vehicles.
- Strong adaptability for both outdoor and indoor use



### Intelligent Control

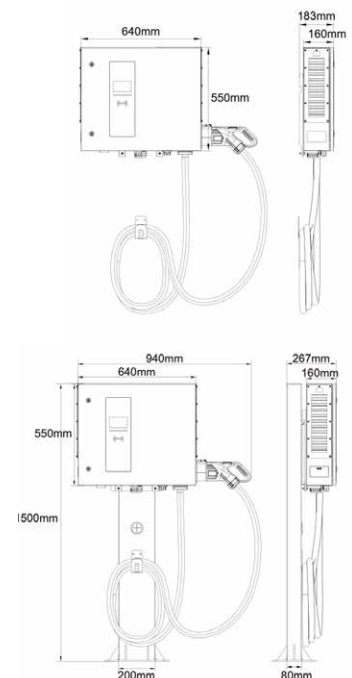
- Equipped with international general OCPP protocol
- Can charge by RFID swipe card for calculating charging fees in case of commercial application
- Touch screen control, convenient for maintenance personnel
- Bluetooth/Wi-Fi/Ethernet/4G available for selection



### Comprehensive Security

- Multiple electrical protection to ensure seamless usage
- With IK10 protection level, the product passes the strict safety test

### Dimensions



**HHEV3401****Himel EV DC Charger [Low-Wattage]**

Certificate: CE

**Product Specification**

Power Input	Input Type	3-Phase
	Input Wiring Scheme	3P+N+PE
	Rated Voltage	400VAC±15%
	Max. THDi	5%
	Min. Power Factor	0,98
	Grid Frequency	50Hz or 60Hz
Power Output	Output Voltage	150-1000VDC
	Max. Current	100A/133A
	Rated Power	30kW/40KW
	Charge Connector	CCS2 Plug(CCS1 Plug Optional)
User Interface	LED Indicator	Green/Blue/Red,Progress Indicator
	LCD Display	4.3" Touch Color Screen
	RFID Reader	ISO/IEC 14443 RFID Card Reader
	Start Mode	RFID Card or APP
Communication	Backend	Ethernet/WiFi/Bluetooth   Optional: 4G
	Charging protocol	OCPP-1.6J   optional: OCPP-2.0.1
	Energy Meter	Meter With 1% Accuracy
Safe and certification	Residual Current Device	Yes
	Internal FUSE	Yes
	Ingress Protection	IP54
	Impact Protection	IK10
	Cooling method	Fan Cooling
	Max. Operating Noise Level	65dB
	Electrical Protection	Over/Under Temperature Protection, Lightning Protection, Ground Fault, Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Surge Protection
	Certification	CE
	Certification and Conformity	IEC62196-1/-3,IEC 61851-1/-23/-24
Environment	Mounting	Wall-mount/Pole-mount
	Storage Temperature	-40°C - +85°C
	Operating Temperature	-30°C - +55°C
	Max. Operating Humidity	95%, Non-condensing
	Max. operating altitude	2000m
	Product Dimension	640mm*160mm*550mm (W*D*H)
Mechanical	Package Dimension	810mm*440mm*810mm (W*D*H)
	Weight	55 kg(Net) / 65 kg(Gross)
	Accessory	Cable holder, Pedestal(Optional)

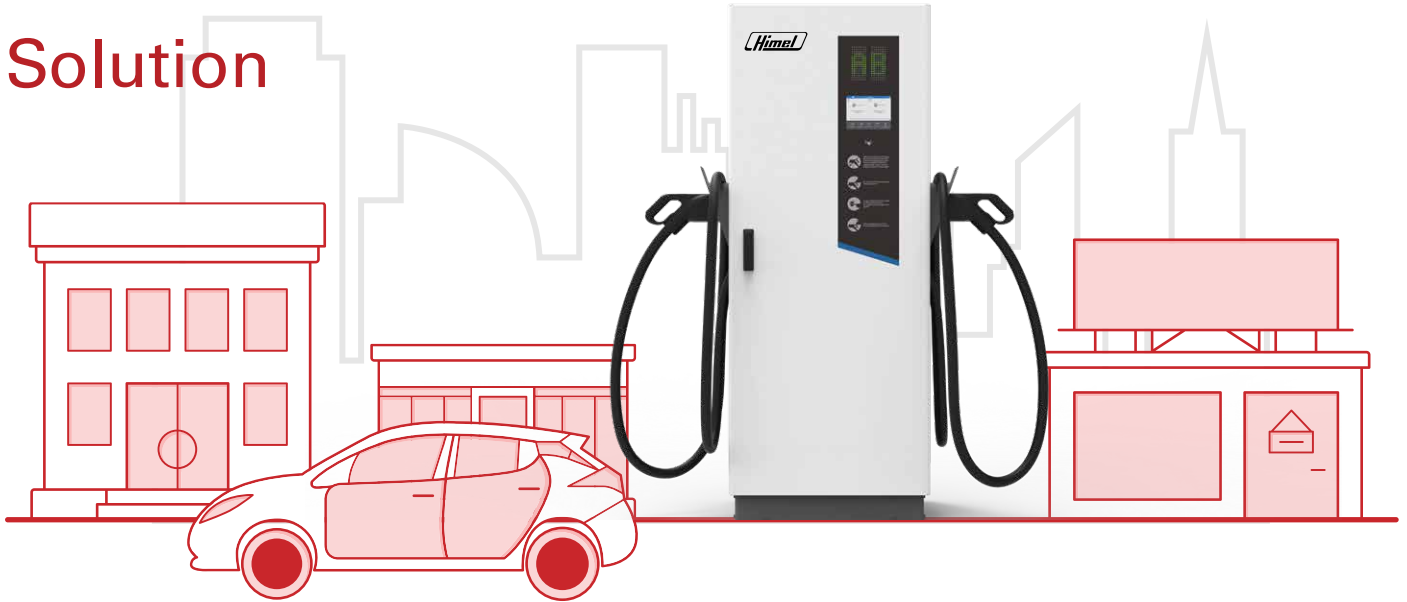
HHEV3701

# Himel EV DC Charger [High-Wattage]

Certificate: CE



## High Output Commercial Use Solution



EV CHARGING  
STATION



PARKING LOT



COMMERCIAL



FLEET



### High Output & Quick Charge

- Up to 160KW high power DC output to improve charging efficiency
- With 2 plugs, intelligent distribution of single and double plugs in different scenarios of power output



### Easy Maintenance

- 7 inch touch-screen control for easy usage by maintenance personnel
- Modular design for easier replacement of spare parts



### All Round Security Protection

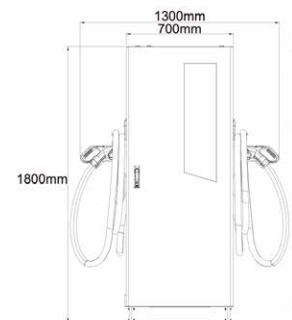
- Multiple electrical protection to ensure seamless usage
- With IK10 protection grade the product passes the strict safety test



### Excellent Adaptability

- High car charging compatibility to meet the needs of different types of vehicles
- Wide voltage meet various vehicle charging requirements
- RFID swipe available for calculating charging fees in case of commercial application

### Dimensions



**HHEV3701**

# Himel EV DC Charger [High-Wattage]

Certificate: CE



## Product Specification

Power Input	Input Type	3-Phase
	Input Wiring Scheme	3P+N+PE
	Rated Voltage	400VAC±15%
	Max. THDi	5%
	Min. Power Factor	0,98
	Grid Frequency	50Hz or 60Hz
Power Output	Output Voltage	150-1000VDC
	Max. Current	200A
	Rated Power	60-160kW
	Number of Connectors	1 or 2
	Charge Connector	CCS2 Plug(CCS1 Plug Optional)
User Interface	LED Indicator	Green/Blue/Red,Progress Indicator
	LCD Display	7 " Touch Color Screen
	RFID Reader	ISO/IEC 14443 RFID Card Reader
	Start Mode	RFID Card
Communication	Backend	Ethernet   Optional: 4G
	Charging protocol	OCPP-1.6J   optional: OCPP-2.0.1
	Energy Meter	Meter With 1% Accuracy
Safe and certification	Residual Current Device	Yes
	Internal FUSE	Yes
	Ingress Protection	IP54
	Impact Protection	IK10
	Cooling method	Fan Cooling
	Max. Operating Noise Level	65dB
	Electrical Protection	Over/Under Temperature Protection, Lightning Protection, Ground Fault, Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Surge Protection
	Certification	CE
	Certification and Conformity	IEC62196-1/-3,IEC 61851-1/-23/-24
Environment	Mounting	Free-standing Cabinet
	Storage Temperature	-40°C - +85°C
	Operating Temperature	-30°C - +55°C
	Max. Operating Humidity	95%, Non-condensing
	Max. operating altitude	2000m
Mechanical	Product Dimension	700mm*550mm*1800mm (W*D*H)
	Package Dimension	950mm*720mm*1950mm (W*D*H)
	Weight	257-366kg(Net)/276-386kg(Gross)

