



HHEV EV CHARGING SOLUTION

www.himel.com

Electric Vehicle Charging Solution



supported with
HHEV app



Available on the
App Store



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Selection Code

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

HHEV2107

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



Electric Vehicle Charging Solution



Product Specification **HHEV2107**

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

Flexible Charging Solution



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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

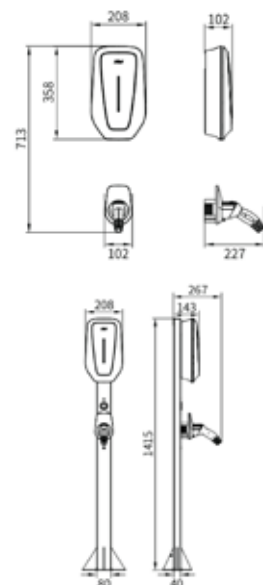
- Multiple guarantees in all aspects such as grounding fault detection, short circuit protection, and intelligent dual temperature control, avoiding various charging safety dangers
- Automatic disconnection of charging pile after full charging, and protection of vehicle battery



Flexible Application

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

Dimensions



Electric Vehicle Charging Solution

Product Specification **HHEV2108**

Power Input	Input Wiring Scheme	3P+N+PE
	Rated Voltage	400VAC±10%
	Grid Frequency	50Hz or 60Hz
Power Output	Output Voltage	400VAC±10%
	max. Current	16A or 32A
	Rated Power	11KW or 22KW
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°C - +85°C
	Operating Temperature	-30°C - +50°C
	Max. Operating Humidity	95%, Non-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

Cost Effective Charging Solution



EV CHARGING
STATION



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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

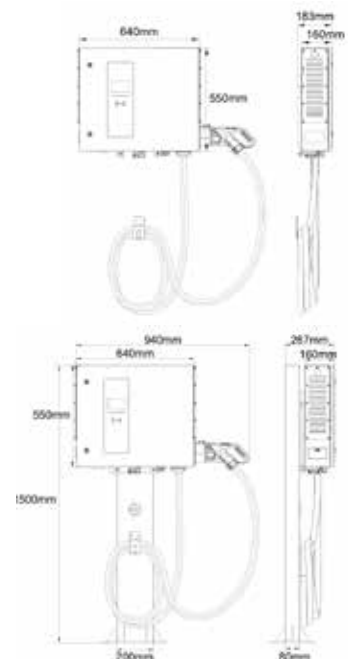
- Equipped with international general OCPP protocol
- Can charge by RFID swipe card for calculating charging fees in case of commercial application
- Touch screen control, convenient for maintenance personnel
- Bluetooth/Wi-Fi/Ethernet/4G available for selection



Comprehensive Security

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

Dimensions



Electric Vehicle Charging Solution

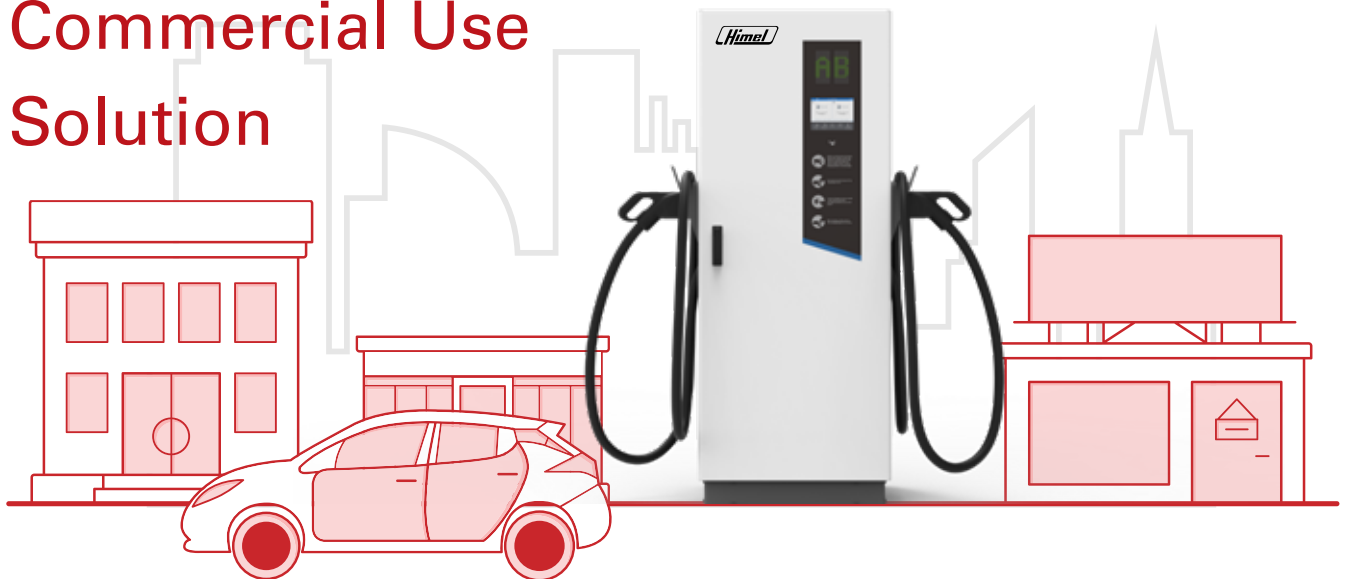


Product Specification **HHEV3401**

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

High Output Commercial Use Solution



EV CHARGING
STATION



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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



Electric Vehicle Charging Solution



Product Specification **HHEV3701**

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)



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