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# :::hello charger

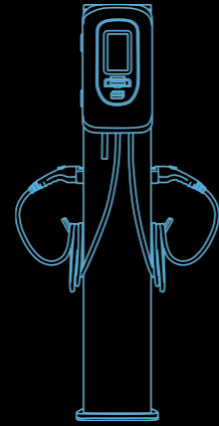
Representing the Republic of Korea, the  
electric vehicle charger HELLO CHARGER  
opens a new era of chargers.

HELLO CHARGER, the first brand to be designated as a Brand K  
product, has endless scalability with Android OS!  
7" high-brightness LCD and Waterproof Touch technology  
Easy payment system without membership registration

HELLO CHARGER, certified by Korea and used worldwide!  
HELLO CHARGER moves ahead with a clear vision.

A futuristic blue car is shown in a dark environment. The car's body is illuminated with a vibrant blue light. A prominent feature is a glowing red light strip that runs along the side of the car, possibly indicating a charging port or a sensor array. The car's design is sleek and aerodynamic. A large, multi-spoke wheel is visible in the foreground, also illuminated with blue light. The overall aesthetic is high-tech and futuristic.

Who will drive the  
electric vehicles of the  
future?



### The power to move electric vehicles CASTPRO's HELLO CHARGER

CASTPRO, a leading company in Gyeonggi-do, was selected as a promising small and medium business and star company in the province. HELLO CHARGER, CASTPRO's electric vehicle (EV) charger with unique technology and excellent scalability, was designated as a Brand K product by the Ministry of SMEs and Startups for the first time as a domestic EV charger, representing Korea's EV chargers

**HELLO CHARGER moves ahead with a clear vision.**



# Brand Overview

Hello Charger in Castpro

Information 09

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Features 11

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·android OS

·convenience

·all

·two

·csms

# 01

Stand not included

Electric vehicle charger  
certified by Korea



The first domestic charger to be designated as  
a Brand K product in Korea

HELLO CHARGER, developed by CASTPRO's researchers, is an electric vehicle charger based on the [Android OS](#). The Ministry of SMEs and Startups designated it as a [Brand K product](#), a first for a domestic charger.

HELLO CHARGER has acquired [OCPP1.6 certification](#), a protocol designated by the Ministry of Environment. The self-developed integrated control system consists of a cloud server to provide access without time or space restrictions.

The Android OS makes it easy to expand the service, while the remote control function and meter-integrated control board

save time and expense in [maintenance/repair management](#).



Android OS



Brand K  
Product



OCPP1.6  
Certified



Maintenance/  
Repair Management

# Android OS

Android operating system

The [endless scalability](#) of the Android OS provides [an optimal solution](#) for charging service providers seeking to expand their services.

The operating system is license-free and open source, and the self-developed EVI Module is capable of modifying H/W [specifications](#) according to the client's requirements.

Charging service providers can offer a variety of services through the charger with the simple [installation of APPs](#) necessary for expansion.



Scalability



Solution Provided



Customization



App Installation

Stand not included

A variety of services  
can be provided through the charger.





Korean standards become world standards

# Convenience

7" Touch LCD / J1772

The LCD screen with a brightness of 600cd/ m<sup>2</sup> ensures a [clear screen](#), both indoors and outdoors, and the [Waterproof Touch](#) technology provides a responsive interface even in rainy or snowy weather.

It employs a [J1772 connector](#), an international standard, and offers a cable with a maximum length of 10 meters so that anybody can charge conveniently regardless of the orientation of the vehicle's charging outlet.



Clear screens



Waterproof Features



J1772 Connector

# ALL

All cards accepted

HELLO CHARGER has made the payment system convenient. It accepts various payment methods such as [credit cards, check cards, and Samsung Pay payments](#) by supporting both a bidirectional IC card reader and an RFID reader.

[Anyone can easily](#) use the service without going through a time-consuming membership registration process.

		
Samsung Pay	Accessible for Anyone	Convenient Use

You can conveniently and easily pay with any card





Stand not included

It is more economical to use two at the same time.



# TWO

2-Channel Simultaneous Charging

There is no need to install multiple chargers.

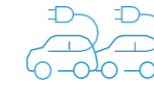
HELLO CHARGER offers [two-channel chargers](#) for all product categories, including 7 kW slow chargers and rapid chargers.

The two-channel charger is a [cost-effective product](#) that can [simultaneously charge](#) two vehicles with a single charger, saving not only the product purchase cost but also installation costs.

Meet the Korean [government-certified](#) HELLO CHARGER, which combines technology innovation with economic viability.



2-Channel Charger



Simultaneous Charging



Economic Feasibility



Ministry of SMEs and Startups

# CSMS

Integrated control system

The [OCPP1.6-certified](#) charger integrated control system is built on a [cloud server \(Amazon Web Services, AWS\)](#) to provide the greatest level of security and accessibility.

Charging service providers can monitor the condition of the operating charger [in real time](#) and use essential business services, such as remote charger control, online updates, sales management, member administration, etc.

The integrated control system is linked to the Ministry of Environment's electric vehicle charging infrastructure system, allowing electric vehicle users to [verify the position and status of the charger](#).



OCPP1.6 Certified



Cloud Server



Real-Time Monitoring



Location and Information Verification

It provides the best security and access convention.



# Slow charger for Electric vehicle

Specification 1 23

Specification 2 25

Slow Charger

- CSC-07A7
- CSC-14B7
- CSC-11A7
- CSC-22B7
- CSC-15A7
- CSC-30B7

02

# 7kW 1CH

Product Name	Hello Charger 7kW 1ch Slow Charger	Model Name	CSC-07A7
Size	W300 × H547 × D216 (mm)	Weight	10kg
Material	PC / ABS	Protection Class	IP44
Input	Single-phase 220V AC 60Hz 7kW(32A)	Output	Single-phase 220V AC60Hz 7kW x 1ch
Cable Length	5/7/10M	Connector Type	J1772
Model Approval No.	KTL-U-21-016-02	Operating Temperature	-20°C~50°C
Payment Method	RF Card (SR) and Credit Card(SC)	KC Certification No	ZH07188-21001
Manufacturer	CASTPRO Co., Ltd.	Country of Manufacture	Republic of Korea

# 14kW 2CH



Product Name	Hello Charger 14kW 2ch Slow Charger	Model Name	CSC-14B7
Size	W300 × H547 × D216 (mm)	Weight	12kg
Material	PC / ABS	Protection Class	IP44
Input	Single-phase 220V AC 60Hz 14kW(64A)	Output	Single-phase 220V AC60Hz 7kW x 2ch
Cable Length	5/7/10M	Connector Type	J1772
Model Approval No.	KTL-U-21-016-01	Operating Temperature	-20°C~50°C
Payment Method	RF Card (SR) and Credit Card(SC)	KC Certification No	ZH07188-21001
Manufacturer	CASTPRO Co., Ltd.	Country of Manufacture	Republic of Korea





## 11kW 1CH

Product Name	Hello Charger 11kW 1ch Slow Charger
Model Name	CSC-11A7
Size	W300 × H547 × D216 (mm)
Protection Class	IP44
Input	Single-phase 220V AC60Hz 11kW(50A)
Output	Single-phase 220V AC60Hz 11kW(50A)
Cable Length	5/7/10M
Connector Type	J1772
Operating Temperature	-20°C~50°C
KC/Type Approval	TBD

## 22kW 2CH

Product Name	Hello Charger 22kW 2ch Slow Charger
Model Name	CSC-22B7
Size	W300 × H547 × D216 (mm)
Protection Class	IP44
Input	Single-phase 220V AC60Hz 22kW(100A)
Output	Single-phase 220V AC60Hz 11kW x 2ch
Cable Length	5/7/10M
Connector Type	J1772
Operating Temperature	-20°C~50°C
KC/Type Approval	TBD

## 15kW 1CH

Product Name	Hello Charger 15kW 1ch Slow Charger
Model Name	CSC-15A7
Size	W300 × H547 × D216 (mm)
Protection Class	IP44
Input	Single-phase 220V AC60Hz 15kW(68.2A)
Output	Single-phase 220V AC60Hz 15kW(68.2A)
Cable Length	5/7/10M
Connector Type	J1772
Operating Temperature	-20°C~50°C
KC/Type Approval	TBD

## 30kW 2CH

Product Name	Hello Charger 30kW 2ch Slow Charger
Model Name	CSC-30B7
Size	W300 × H547 × D216 (mm)
Protection Class	IP44
Input	Single-phase 220V AC60Hz 30kW(136.4A)
Output	Single-phase 220V AC60Hz 15kW x 2ch
Cable Length	5/7/10M
Connector Type	J1772
Operating Temperature	-20°C~50°C
KC/Type Approval	TBD

# Rapid Charger for Electric Vehicles

Rapid Charger AESC-050K (1ch/2ch)  
Rapid Charger AESC-100K (1ch/2ch)

<u>Information</u>	<u>29</u>
<u>Specification</u>	<u>31</u>

03



# FAST

Rapid charge

HELLO CHARGER provides [rapid charging features](#) with a high-rated current compared to other companies.

50kW Rapid Charger – 2 x 30kW AC/DC Modules in parallel configuration (up to 60kW)

100 kW Rapid Charger – 4 x 30 kW AC/DC Modules in parallel configuration (up to 120 kW)

With its structural design for the multichannel expansion of the power modules and [integrated controller](#) installations, it supports high-voltage DC charging at 150-1,000V levels suitable for the electric vehicles released today.

A 10.4" [touch screen](#) with a brightness of 1,000cd/ m<sup>2</sup> provides a clear screen both indoors and outdoors, and comes with a [cable management system](#) so anyone can easily use the service, including women or older people.



Rapid charging



Main Controller



Touch Screen



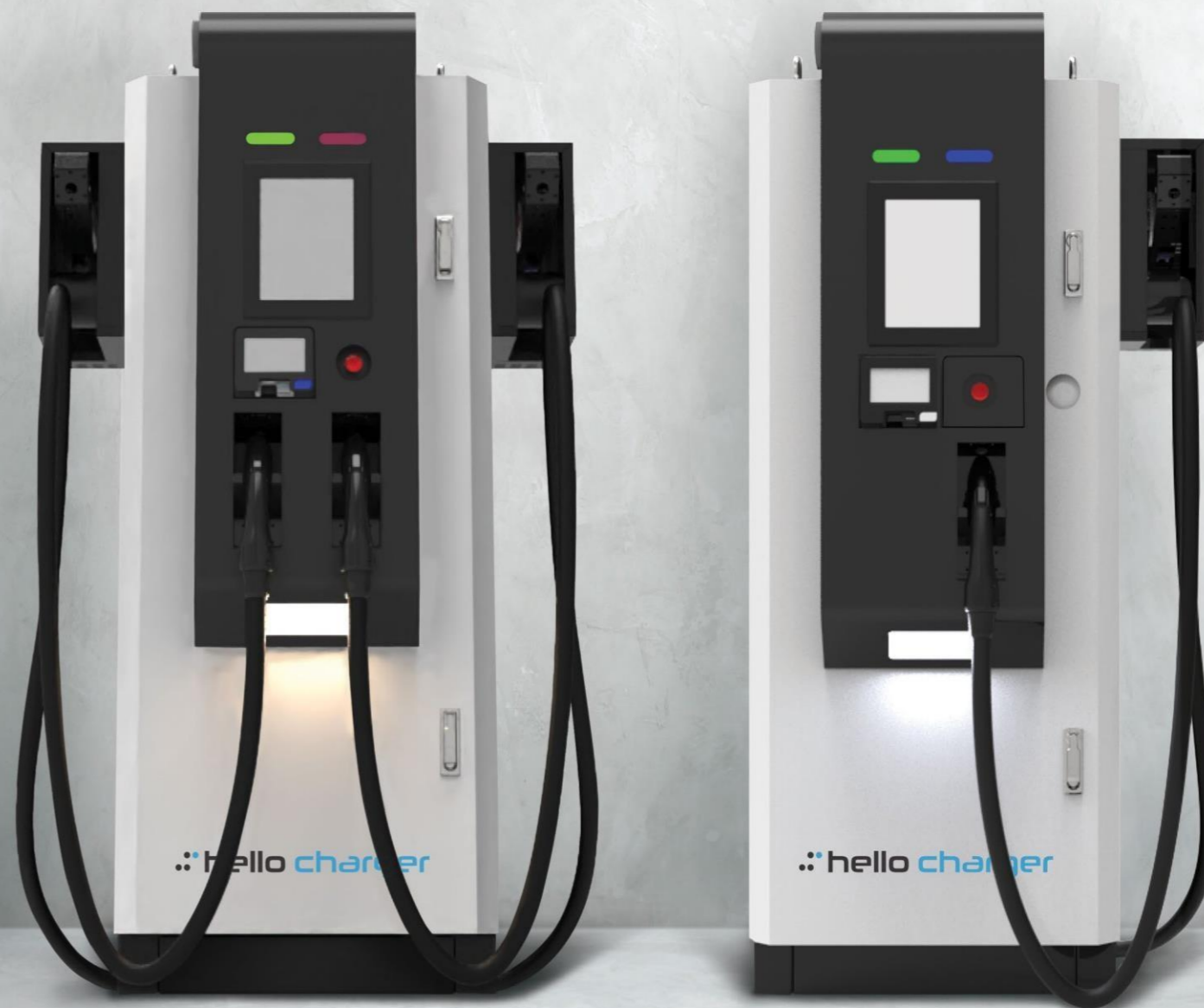
Cable Management System

## 50 kW (1CH/2CH)

Product Name	Hello Charger 50kW Rapid Charger (1CH/2CH)	Operating System	Windows 10
Rated Input	3-phase 380VAC, 60Hz	Rated Output	150~1,000 Vdc, 50kW
Display	10.4" LCD Touch Screen	Connector Type	DC Combo
Cable Length	6M	Payment Method	RF Card (SR) and Credit Card (SC)
Certification	KC / Type Approval / OCPP1.6 / IP44	Size	W650 × D501 × H1696 (mm)
Seller	CASTPRO Co., Ltd.	Country of Manufacture	Republic of Korea

## 100 kW (1CH/2CH)

Product Name	Hello Charger 100kW Rapid Charger (1CH/2CH)	Operating System	Windows 10
Rated Input	3-phase 380VAC, 60Hz	Rated Output	150~1,000 Vdc, 100kW
Display	10.4" LCD Touch Screen	Connector Type	DC Combo
Cable Length	6M	Payment Method	RF Card (SR) and Credit Card (SC)
Certification	KC / Type Approval / OCPP1.6 / IP44	Size	W650 × D501 × H1696 (mm)
Seller	CASTPRO Co., Ltd.	Country of Manufacture	Republic of Korea





# Portable Charger for Electric Vehicles

Portable Charger CPC-3510A0

<u>Information</u>	<u>35</u>
<u>Specification</u>	<u>37</u>

04



# Portable

Portable charger at all times

The portable charger is compatible with 220V outlets or charging (paid) outlets authorized for electric vehicle charging.

The white [seven-segment](#) display intuitively displays charging information, and the [charging capacity setting](#) (2 / 2.5 / 3 / 3.5 kW) allows the power to be adjusted according to the usage environment.

[The physical buttons](#) (START/STOP) are used to avoid momentary overvoltage/overcurrent, and [German-made charging connectors](#) with international certifications (UL, CE, VDE) are incredibly durable.

The portable charger can be used safely for both emergency and long-term use without risk of fire since it is optimized for domestic 220V outlets.



7-Segment



Charging Capacity Setting



Physical Button



Charging Connector

# 3.5 kW Portable Charger

Product Name	Hello Charger Portable Charger	Model Name	CPC-3510A0
Charge Capacity	2/2.5/3/3.5 kW	Maximum Current	16A
Plug Type	J1772	Cable Length	5M
Waterproof Type	IP 55	Material	PC / ABS
Operating Temperature	-20 C to 50 C	Display	Seven-Segment
Operation Buttons	Two Buttons (START/STOP)	Warranty Period	1 Year
KC Certification No.	R-R-CaP-CPC-3510A0 / XH070583- 22002A		
Manufacturer	CASTPRO Co., Ltd.	Country of Manufacture	Republic of Korea



# Infrastructure Facilities

Infrastructure Facilities

05

**B TYPE**



\* Example Image

**CASTPRO Rapid Charger Canopy**

<b>Dimensions</b>	W1650 × D1200 × H2100 CODE NAME : CP-BF1650
<b>Material</b>	Steel

**Type**



\* Example Image

**CASTPRO Slow Charger Canopy**

<b>Dimensions</b>	W800 × D700 H1900 CODE NAME : CP-BS800
<b>Material</b>	Steel

**Slow Charging**



\* Example Image

**CASTPRO canopy-type stand pole**

<b>Dimensions</b>	W450 × D420 × H1790 Double door-type
<b>Material</b>	Steel

**Slow Charging**



\* Example Image

**CASTPRO canopy (helmet)**

<b>Dimensions</b>	W450 × D400 × H735 Double door-type
<b>Material</b>	Steel




**CASTPRO stand pole**

**Dimensions** W220 × D80 × H1500



**Prefabricated metal foundation pad for slow charging**

<b>Stand</b>	300×300×150
<b>Charger</b>	350×250×150
<b>Canopy</b>	1000×700×200



**Prefabricated metal foundation pad for slow charging**

<b>Charger</b>	850 × 500 × 150
<b>Canopy</b>	1650 × 1200 × 200




**Cylindrical SS Bollard (Anchored)**

- Dimensions**
- 101.6 × 500H
  - 101.6 × 700H
  - 101.6 × 1000H



**U-Shaped SS Bollard (Anchored)**

- Dimensions**
- 101.6600 × 800×600
  - 101.6600 × 1200×600



**Parking Surface Painting**

**Dimensions** 2.5M × 5M

**Parking Surface Painting** 250,000