

ACECOOL™ DUO SERIES

# ACECOOL™ DUO COMMERCIAL LEVEL 2 EV CHARGER



Coolisys ACECool™ Duo Commercial Level 2 EV Charger is a floor standing, Level 2 AC charging system for electric vehicles(EV). You can charge two EVs at the same time. SAE-J1772™ compliance ensures compatibility with all EVs and Tesla models with SAE J1772 adapter. It can be used in residential homes and commercial areas with a 240v power source.

# KEY FEATURES

Designed for residential Multi-EV owners and public EV charging as an amenity in apartment/condominium and office parking lots. It is compact, easy to install and easy to operate. It offers a modern and stylish appearance, the versatility of multiple charging current options, the ability to be installed in wall-mounted and pedestal-mounted configurations, and OCPP configured makes it easy to collect payment and manage charging activities.

It can support up to two type-2 outlets and can charge up to 11KW on each socket simultaneously with local load-balancing. With this station, you can charge up to 9 times faster than from a standard domestic socket.

- Wall-mounted or Pedestal
- Compact, easy to install, easy to operate
- Can be used indoor or outdoor
- For residential and optionally commercial use
- Up to 2 x 11KW (16A, 3-Phase) on each port
- Load balancing on both sockets
- Multiple color status LEDs
- Customized display panel that shows real-time status
- Customized charging configures and modular design
- RFID Access
- OCPP Supported – OCPP 1.6/2.0 (future)
- Communications – GSM/GPRS, Ethernet, and CAN Bus
- Connectivity: Ethernet, Wi-Fi 4G/LTE
- Weather-proof construction
- Nature Cooling
- High adaptability of temperature range

(877) 634-0982

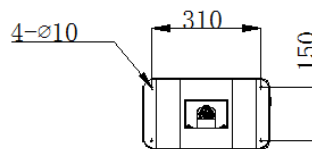
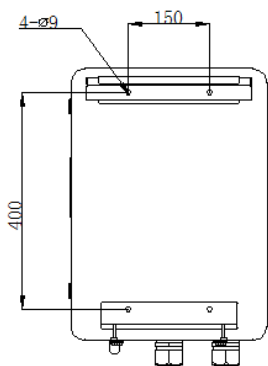
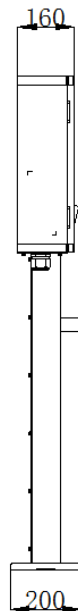
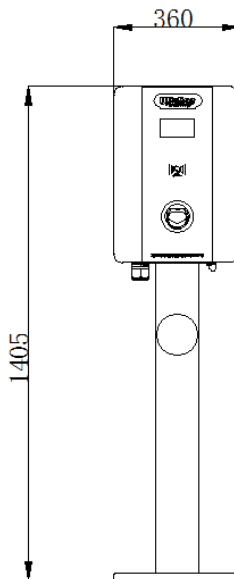
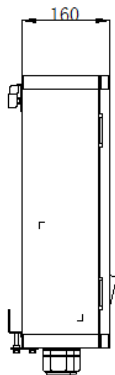
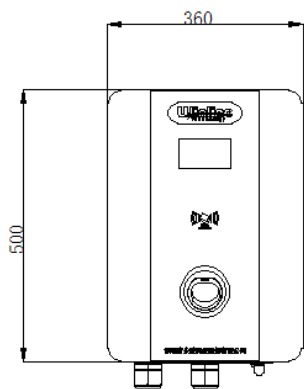
[www.coolisys.com](http://www.coolisys.com)

# ELECTRICAL SPECIFICATION

<b>General Information</b>	
Model	CEVCAC-22KW
Installation Method	Wall Mounted/Floor Standing
Shell Material	Aluminum Alloy or customized
Size (W*H*D) mm	Main Body 360*500*160   48*1005 (D*H)   360*1405*200
Connector Type	Level 2
Supported Connector Types	SAE J1772
Max Charging Plugs per Station	Up to 2 (11kW per plug)
Charging Cable Length (m)	Standard 3m (5m Optional)
Working Environment	Indoor/Outdoor
Suggested Usage	Residential/Commercial
<b>Electrical Input</b>	
Input Voltage	208/240VAC, 45-65Hz
Input Current	32A
Wiring	L1, L2, PE
<b>Electrical Output</b>	
Output Voltage	AC 208-240V±15%
Output Frequency	50/60±3Hz
Rated Power	22kW
<b>Features &amp; Functions</b>	
Indicator Light	Light/Light Bar (B, G, R)
Display	4.8" TFT LCD screen
Reader authentication	Integrated RFID reader
Communication protocol	OCPP 1.6-J
Network	Ethernet/Wi-Fi/4G
<b>Environmental</b>	
Working Temperature	-20°C ~ +50°C
Cooling System	Natural Cooling
Working Humidity	5% ~ 95% Non-condensing
Altitude	<2000m
Protection Level	Type 3R IP67
<b>Standards</b>	
EMC Compliance	FCC Part 15 Class B
Surge Protection	6 kV @ 3000 A.
Safety & Compliance	UL and C-UL listed product per UL2594, UL2231-1, UL2231-2. NEC Article 625 compliant UL and C-UL listed per UL916 Energy Management Equipment
MTBF	100,000 Hours

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# MECHANICAL DIMENSIONS



Wall Mount  
Dimensions

Floor Standing  
Dimensions

# CONNECTOR OPTIONS

- The J1772 allows level 2 charging of plug-in hybrid electric vehicles and all-electric vehicles. The Tesla adaptor will be provided separately
- The CCS Combo is used by Ford, General Motors, Volkswagen, Audi, Jaguar for DC fast charging
- The CHAdeMO is used by Honda, Nissan, Mitsubishi, Toyota, Kia, Fuji for DC fast charging

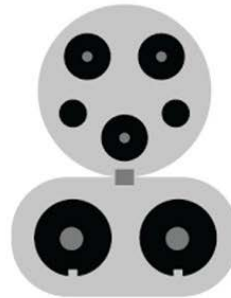
J1772



CHAdeMO



CCS (Type 1)



Level 2 (slow)

DC Fast Chargers (aka Level 3)

Connector Type	Compatible Models	Model No.
SAE J1772	AC Series	J17
(Tesla Adaptor)		ADP
CCS Combo	DC Series	CCS
CHAdeMO	DC Series	CHA

# ORDERING INFORMATION

The order codes below represent specific product configurations. Other product options are available. Please contact Coolisys Sales for more information.

The order code consists of:

EV Charger Model Number – #of Connectors(Selected Models only) – Connector Types – Adaptor Options

For Example:

If ordering...	...the order code is
22kW AC Charger with two J1772 connectors	CEVCAC-22KW-2-J17-J17
22kW AC Charger with two J1772 connectors and one Tesla Adaptor	CEVCAC-22KW-2-J17-ADP
22kW AC Charger with two J1772 connectors and two Tesla Adaptors	CEVCAC-22KW-2-J17-ADP-ADP

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Coolisys Technologies Corp designs and manufactures full custom, value added and standard comprehensive power solutions for the most demanding applications in the defense, healthcare, telecom, and industrial markets.

