AC5500P

10 kW
40 Amps
Self Install

Level 2 EV Charging Station

Adjustable Amperage delivering up to 10 kW 40 amps to any EV

c UL us LISTED

Features

- Compatibility: Comes with a standard J1772 (Type 1) connector that can charge any electric vehicle on the road.
- Compact design: Easy installation, wall mounted, or pole mounted.
- Safe and Reliable: AC5500P stations are UL listed, meeting the stringent requirements of the nation's leading safety standards organization.
- Hardware: AC5500P stations are rugged waterproof IP65 rated they can be installed outdoors or indoors, built to withstand the elements.
- OCPP Networked Charging: Receive automatic software updates that deliver the latest improvements and features. Remotely monitor, manage multiple charging sites in one place and configure stations. You can also get real-time station information, track the charging status of all vehicles.

Specifications

AC5500P

Input Cord	NEMA 14-50
AC Power Input Rating	240V AC 50/60Hz
	SAE standard
	AC Level 2
AC Power Output Rating (Adjustable)	10kW / 40A
	7kW / 32A
	3.5kW / 16A
Required Service Panel Breaker	Dedicated Dual Pole
	50A (40A station)
	40A (32A station)
	20A (16A station)
Power Wiring	3 Wire – L1,L2 plus ground
Connector Type	SAE J1772 (Type 1)

User Interface & Control	
Charging Control	Plug & Play or RFID Card
Indicators	Power/Connect/Charging/Fault/WiFi
External Communication	Lan (RJ-45) and WiFi
OCPP Protocol	OCPP 1.6J

Safety and Operational Ratings	
Storage Temperature	-40 to 75°C (-40 to 167°F) ambient
Operating Temperature	-30 to 55°C (-22 to 131°F) ambient
Operating Humidity	Up to 95% non-condensing
Cooling Method	Natural Cooling
Safety and Compliance	UL and cUL listed

Protection			
Electrical Enclosure	Type 4	CCID 20	Yes
Over Voltage Protection	Yes	Under Voltage Protection	
Over Load Protection	Yes	Short Circuit Protection	
Earth Leakage Protection	Yes	Ground Protection	
Over-Temp Protection	Yes	Surge Protection	

Mechanical	
Dimension (HxWxD,mm)	310x220x95
Weight	<7Kg
Charging Cable Lenght	25 Feet 50A
Enclosure Material	PC+ASA

AC5500

Level 2 EV Charging Station

10 kW
40 Amps
Self Install

Adjustable Amperage delivering up to 10 kW 40 amps to any EV

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Features

- Compatibility: Comes with a standard J1772 (Type 1) connector that can charge any electric vehicle on the road.
- Compact design: Easy installation, wall mounted, or pole mounted.
- Safe and Reliable: AC5500 stations are UL listed, meeting the stringent requirements of the nation's leading safety standards organization.
- Hardware: AC5500 stations are rugged waterproof IP65 rated they can be installed outdoors or indoors, built to withstand the elements.
- OCPP Networked Charging: Receive automatic software updates that deliver the latest improvements and features. Remotely monitor, manage multiple charging sites in one place and configure stations. You can also get real-time station information, track the charging status of all vehicles.

Specifications

AC5500

Input Cord	NEMA 14-50
AC Power Input Rating	240V AC 50/60Hz
	SAE standard
	AC Level 2
AC Power Output Rating (Adjustable)	10kW / 40A
	7kW / 32A
	3.5kW / 16A
Required Service Panel Breaker	Dedicated Dual Pole
	50A (40A station)
	40A (32A station)
	20A (16A station)
Power Wiring	3 Wire – L1,L2 plus ground
Connector Type	SAE J1772 (Type 1)

User Interface & Control	
Charging Control	Plug & Play or RFID Card
Indicators	Power/Connect/Charging/Fault/WiFi
External Communication	Lan (RJ-45) and WiFi
OCPP Protocol	OCPP 1.6J

Safety and Operational Ratings	
Storage Temperature	-40 to 75°C (-40 to 167°F) ambient
Operating Temperature	-30 to 55°C (-22 to 131°F) ambient
Operating Humidity	Up to 95% non-condensing
Cooling Method	Natural Cooling
Safety and Compliance	UL and cUL listed

Protection			
Electrical Enclosure	Type 4	CCID 20	Yes
Over Voltage Protection	Yes	Under Voltage Protection	
Over Load Protection	Yes	Short Circuit Protection	
Earth Leakage Protection	Yes	Ground Protection	
Over-Temp Protection	Yes	Surge Protection	

Mechanical	
Dimension (HxWxD,mm)	310x220x95
Weight	<7Kg
Charging Cable Lenght	25 Feet 50A
Enclosure Material	PC+ASA

DC60

60 kW
125 Amps

Level 3 EV Charging Station

Features

- Compatibility: Comes with a standard J1772 (Type 1) connector that can charge any electric vehicle on the road.
- Safe and Reliable: DC60 stations are meeting the stringent requirements of the nation's leading safety standards organization.
- Hardware: DC60 stations are rugged waterproof IP44 rated they can be installed outdoors or indoors, built to withstand the elements.
- OCPP Networked Charging: Receive automatic software updates that deliver the latest improvements and features. Remotely monitor, manage multiple charging sites in one place and configure stations. You can also get real-time station information, track the charging status of all vehicles.

Specifications

DC60

AC Nominal Input	
Phase/Lines	3 phase + neutral + PE
Voltage	300-520V
Max . input current	260A
Frequency	50Hz / 60Hz (±10%)
DC Nominal Output	
Voltage	300-1000VDC
Constant power	60KW
Electrical Parameter	
Power Factor	≥0.99
Unequal Current Ratio	≤ 5%——
Stable voltage accuracy	≤±0.5%
Stable Current Accuracy	≤±1%
Efficiency	≥95% (50%-100% load)
User Interface	
Charging Outlet	SAE J1772 (Type 1)
Cable Length	17 Feet (standard)
LED Indicator	3 indicators
LCD screen	10-inch Daylight readable touchscreen
Emergency Stop Button	Yes
Startup Mode	Plug-and-play/RFID card
RFID	Yes
Communication	
Connectivity	Ethernet + Wi Fi, 3G and 4G optional
Communication Protocol	OCPP 1.6 (JSON)
Environmental Index	
Operation Temperature	-20 ℃ ~ 65℃
Working Humidity	5%-95% without condensation
Working Altitude	<2000m
Protection Grade	IP54
Application Site	Indoor/Outdoor
Cooling Method	Fan cooling
Protection	
Multiple Protection	Over/Under voltage protection, overload protection, short circuit protection, over/under temperature protection, Surge protection, Communication failure
Mechanical	
Dimension (HxWxD)	62 x 34 x 22 inch
Certification & Compliance	
Safety and Compliance	UL and cUL listed
Warranty	
3 Year Limited	

DC120

120 kW
250 Amps

Level 3 EV Charging Station

Features

- Compatibility: Comes with two standard J1772 (Type 1) connectors with smart power balance that can charge two vehicles simultaneously.
- Safe and Reliable: DC120 stations are meeting the stringent requirements of the nation's leading safety standards organization.
- Hardware: DC120 stations are rugged waterproof IP44 rated they can be installed outdoors or indoors, built to withstand the elements.
- OCPP Networked Charging: Receive automatic software updates that deliver the latest improvements and features. Remotely monitor, manage multiple charging sites in one place and configure stations. You can also get real-time station information, track the charging status of all vehicles.

Specifications

DC120

AC Nominal Input	
Phase/Lines	3 phase + neutral + PE
Voltage	300-520V
Max . input current	260A
Frequency	50Hz / 60Hz (±10%)
DC Nominal Output	
Voltage	300-1000VDC
Constant power	120KW
Electrical Parameter	
Power Factor	≥0.99
Unequal Current Ratio	≤ 5%
Stable voltage accuracy	≤±0.5%
Stable Current Accuracy	≤±1%
Efficiency	≥95% (50%-100% load)
User Interface	
Charging Outlet	SAE J1772 (Type 1)
Cable Length	17 Feet (standard)
LED Indicator	3 indicators
LCD screen	10-inch Daylight readable touchscreen
Emergency Stop Button	Yes
Startup Mode	Plug-and-play/RFID card
RFID	Yes
Communication	
Connectivity	Ethernet + Wi Fi, 3G and 4G optional
Communication	
Communication Protocol	OCPP 1.6 (JSON)
Environmental Index	
Operation Temperature	-20 ℃ ~ 65℃
Working Humidity	5%-95% without condensation
Working Altitude	<2000m
Protection Grade	IP54
Application Site	Indoor/Outdoor
Cooling Method	Fan cooling
Protection	
Multiple Protection	Over/Under voltage protection, overload protection, short circuit protection, over/under temperature protection, Surge protection, Communication failure
Mechanical	
Dimension (HxWxD)	62 x 34 x 22 inch
Certification & Compliance	
Safety and Compliance	UL and cUL listed
Warranty	
3 Year Limited	

DC150

150 kW
250 Amps

Level 3 EV Charging Station

c UL us LISTED

Features

- Compatibility: Comes with two standard J1772 (Type 1) connectors with smart power balance that can charge two vehicles simultaneously.
- Safe and Reliable: DC150 stations are meeting the stringent requirements of the nation's leading safety standards organization.
- Hardware: DC150 stations are rugged waterproof IP44 rated they can be installed outdoors or indoors, built to withstand the elements.
- OCPP Networked Charging: Receive automatic software updates that deliver the latest improvements and features. Remotely monitor, manage multiple charging sites in one place and configure stations. You can also get real-time station information, track the charging status of all vehicles.

Specifications

DC150

AC Nominal Input	
Phase/Lines	3 phase + neutral + PE
Voltage	300-520V
Max . input current	300A
Frequency	50Hz / 60Hz (±10%)
DC Nominal Output	
Voltage	300-1000VDC
Constant power	150KW
Electrical Parameter	
Power Factor	≥0.99
Unequal Current Ratio	≤ 5%
Stable voltage accuracy	≤±0.5%
Stable Current Accuracy	≤±1%
Efficiency	≥95% (50%-100% load)
User Interface	
Charging Outlet	SAE J1772 (Type 1)
Cable Length	17 Feet (standard)
LED Indicator	3 indicators
LCD screen	10-inch Daylight readable touchscreen
Emergency Stop Button	Yes
Startup Mode	Plug-and-play/RFID card
RFID	Yes
Communication	
Connectivity	Ethernet + Wi Fi, 3G and 4G optional
Communication Protocol	OCPP 1.6 (JSON)
Environmental Index	
Operation Temperature	-20 ℃ ~ 65℃
Working Humidity	5%-95% without condensation
Working Altitude	<2000m
Protection Grade	IP54
Application Site	Indoor/Outdoor
Cooling Method	Fan cooling
Protection	
Multiple Protection	Over/Under voltage protection, overload protection, short circuit protection, over/under temperature protection, Surge protection, Communication failure
Mechanical	
Dimension (HxWxD)	76 x 44 x 33 inch
Certification & Compliance	
Safety and Compliance	UL and cUL listed
Warranty	
3 Year Limited	

DC180

180 kW
250 Amps

Level 3 EV Charging Station

c UL us LISTED

Features

- Compatibility: Comes with two standard J1772 (Type 1) connectors with smart power balance that can charge two vehicles simultaneously.
- Safe and Reliable: DC180 stations are meeting the stringent requirements of the nation's leading safety standards organization.
- Hardware: DC180 stations are rugged waterproof IP44 rated they can be installed outdoors or indoors, built to withstand the elements.
- OCPP Networked Charging: Receive automatic software updates that deliver the latest improvements and features. Remotely monitor, manage multiple charging sites in one place and configure stations. You can also get real-time station information, track the charging status of all vehicles.

Specifications

DC180

AC Nominal Input	
Phase/Lines	3 phase + neutral + PE
Voltage	300-520V
Max . input current	300A
Frequency	50Hz / 60Hz (±10%)
DC Nominal Output	
Voltage	300-1000VDC
Constant power	180KW
Electrical Parameter	
Power Factor	≥0.99
Unequal Current Ratio	≤ 5%
Stable voltage accuracy	≤±0.5%
Stable Current Accuracy	≤±1%
Efficiency	≥95% (50%-100% load)
User Interface	
Charging Outlet	SAE J1772 (Type 1)
Cable Length	17 Feet (standard)
LED Indicator	3 indicators
LCD screen	10-inch Daylight readable touchscreen
Emergency Stop Button	Yes
Startup Mode	Plug-and-play/RFID card
RFID	Yes
Communication	
Connectivity	Ethernet + Wi Fi, 3G and 4G optional
Communication	
Communication Protocol	OCPP 1.6 (JSON)
Environmental Index	
Operation Temperature	-20 ℃ ~ 65℃
Working Humidity	5%-95% without condensation
Working Altitude	<2000m
Protection Grade	IP54
Application Site	Indoor/Outdoor
Cooling Method	Liquid Cooling
Protection	
Multiple Protection	Over/Under voltage protection, overload protection, short circuit protection, over/under temperature protection, Surge protection, Communication failure
Mechanical	
Dimension (HxWxD)	76 x 44 x 33 inch
Certification & Compliance	
Safety and Compliance	UL and cUL listed
Warranty	
3 Year Limited	

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Subject: DOT-RFI-22-9114-PB
Importance: Normal
Sensitivity: None
Attachments:
EV_Charging_Station_PowerPump-AC5500P.pdf PC60-1.pdf PC120-1.pdf PC150-1.pdf PC180-1.pdf Datasheet - AC5500.pdf

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Good Afternoon,

I have attached some information about us and our product (PowerPump.io).

PowerPump is a subsidiary of CCM Inc., a company established in Florida in 1995, that manufactures Level 2 and Level 3 electric vehicle chargers.

Our chargers are UL Listed, Networked, and approved by electric utility companies in several states (NV, UT, CO, MO, PA..). We provide utility companies with charging data in addition to participating in their electric vehicle charging stations programs. We also have a network of licensed contractors (EV installers) nationwide.

We offer multiple equipment configurations that allow for various installation types such as wall-mounted, pedestal, etc. The equipment also has an integrated software application that allows for complete customization and monitoring. For example, you can set the price per kilowatt-hours, limit time and energy usage per unit, and reserve a station in advance. The software also provides:

- Real-time analytics for reporting.
- Ranging from tracking the revenue projections.
- Time of use rate.
- Multi-site management.

Users can pay for service using an RFID reader located on the face of the charger or through the mobile application from a smartphone. These are just a few of the many features and customization options.

Regards,

POWERPUMP™
Subsidiary of CCM Inc

Ben Yahia

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