

Electric Vehicle Charging Solutions

Product Catalog
-EU-V1.4 2024



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Electric Vehicle Charging Solutions

Portable EV Charger-AP Series



AP003



AC-Portable

- ✓ **Plug & Charge**
- ✓ IP65——High Waterproof & Dustproof
- ✓ Adjustable Current, or Fixed Current Version



AP002



AC-Portable

- ✓ **APP operation**
- ✓ IP65——High Waterproof & Dustproof
- ✓ Remote Firmware Updates



Bluetooth



Wi-Fi



Tuya

AP003 & AP002

Power Specification				
Input Voltage	Single phase 208-240 Vac , 50-60Hz		Three phase 3*230 Vac, 50-60Hz	
Output Current (A)	16	32	16	32
Output Power (KW)	3.6	7	11	22
Charging Time Reference (hrs.)*	13.0	6.7	4.3	2.1

Other Specification	
Charging Interface	Type 2
IP rating	IP65
Charging Cable Length	5 m
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Certificates	CE Listed

* To charge a Tesla model 3/VW ID.3 from 20% to 80% SoC - 46.8kWh.

Electric Vehicle Charging Solutions

Home Wallbox EV Charger-AW Series



AW001



AC Wallbox

- ✓ Plug & Charge, or RFID Start Charge, or APP operation
- ✓ 4.3-inch LCD Screen & LED Breathing Lamp



Bluetooth



Wi-Fi



Tuya



AW002



AC Wallbox

- ✓ RFID Start Charge, or APP operation
- ✓ Remote Firmware Updates
- ✓ Type 2 or NACS (Tesla) connector
- ✓ 4.3-inch LCD Screen & LED Breathing Lamp



Bluetooth



Wi-Fi

AW001 & AW002

Power Specification			
Input Voltage	Single phase 208-240, 50-60Hz	Three phase 3*230 Vac, 50-60Hz	
Output Current (A)	32	16	32
Output Power (KW)	7	11	22
Charging Time Reference (hrs.)*	6.7	4.3	2.1

Other Specification	
Ingress Protection	IP 65
Charging Cable Length	5 m
Enclosure Mounting	Wall Mount/Pedestal-Mount
Operating Temperature	-13 °F to 113 °F (-25°C to 45°C)

* To charge a Tesla model 3/VW ID.3 from 20% to 80% SoC - 46.8kWh.

Electric Vehicle Charging Solutions

Home Wallbox EV Charger-AW Series



AW003



AC Wallbox

- ✓ RFID Start Charge, or APP operation
- ✓ Compact appearance design
- ✓ Load balance for option
- ✓ Real-time Fault Monitor, Remote Diagnosis



Bluetooth



Wi-Fi



AW004



AC Wallbox

- ✓ RFID Start Charge, or APP operation
- ✓ Excellent appearance design
- ✓ Type 2 or NACS (Tesla) connector



Bluetooth



Wi-Fi

AW003 & AW004

Power Specification			
Input Voltage	Single phase 208-240 , 50-60Hz	Three phase 3*230 Vac, 50-60Hz	
Output Current (A)	32	16	32
Output Power (KW)	7	11	22
Charging Time Reference (hrs.)*	6.7	4.3	2.1

Other Specification	
Ingress Protection	IP 65
Charging Cable Length	5 m
Enclosure Mounting	Wall Mount/Pedestal-Mount
Operating Temperature	-13 °F to 113 °F (-25°C to 45°C)

* To charge a Tesla model 3/VW ID.3 from 20% to 80% SoC - 46.8kWh.

Electric Vehicle Charging Solutions

Commercial EV Charger-AC Series



AC001



AC Commercial

- ✓ 5-inch LCD touchscreen
- ✓ IP55
- ✓ OCPP 1.6J Fully Compliance
- ✓ RFID & various payment method*
- ✓ Real-time Fault Monitor, Remote Diagnosis



AC002



AC Commercial

- ✓ Dual plugs
- ✓ 5-inch LCD touchscreen
- ✓ IP54
- ✓ OCPP 1.6J fully compliance
- ✓ RFID & various payment method*
- ✓ Remote monitor & appointment & diagnosis & upgrade

AC001 & AC002

Power Specification						
Model	AC001			AC002		
Input Voltage	Single phase 208-240 , 50-60Hz	Three phase 3*230 Vac, 50-60Hz		Single phase 208-240 , 50-60Hz	Three phase 3*230 Vac, 50-60Hz	
Output Current (A)	32	16	32	64	32	64
Output Power (KW)	7	11	22	2*7	2*11	2*22
Charging Time Reference (hrs.)*	6.7	4.3	2.1	3.3-6.7	2.1-4.3	1.1-2.3

Other Specification	
Charging Interface	Type 2
Charging Cable Length	5 m
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Certificates	CE Listed

* To charge a Tesla model 3/VW ID.3 from 20% to 80% SoC - 46.8kWh.

Electric Vehicle Charging Solutions

Commercial EV Charger-AC Series



AC003



AC Commercial

- ✓ 55-inch advertisement screen
- ✓ OCPP 1.6J Fully Compliance
- ✓ Support RFID & various payment method*
- ✓ Remote monitor & appointment & diagnosis & upgrade

AC003

Power Specification			
Input Voltage	Single phase 208-240 , 50-60Hz	Three phase 3*230 Vac, 50-60Hz	
Output Current (A)	65	33	65
Output Power (KW)	2*7	2*11	2*22
Charging Time Reference (hrs.)*	3.3-6.7	2.1-4.3	1.1-2.3

Other Specification	
Charging Interface	Type 2
User Authentication	APP or RFID Card(ISO / IEC 14443 A, Mifare)
Network Interface	Ethernet, WIFI, 4G
Protocol	OCPP1.6J
User Interface	55-inch advertising display/Emergency Stop/LED indicator/RFID
IP rating	IP 54
Charging Cable Length	5 m cable
Enclosure Mounting	Floor Mount
RCD (Leakage protection)	Type B RCD
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Certificates	CE Listed

* To charge a Tesla model 3/VW ID.3 from 20% to 80% SoC - 46.8kWh.

Electric Vehicle Charging Solutions

Commercial EV Charger-DC Series



DC001



DC Commercial (60KW-180KW)

- ✓ Dynamic Load Balancing
- ✓ 8-inch LCD Touch-screen

DC001

Power Specification	
Input Voltage	Three phase 400 Vac 50-60Hz
Output Current (A)	5A-667A
Output Power (KW)	60-200KW
Charging Time Reference (hrs.)*	0.3-0.4

Other Specification	
Charging Interface	CCS2+CCS2
User Authentication	APP or RFID
Network Interface	Ethernet, WIFI
Protocol	OCPP1.6J ((OCPP2.0 upgradable)
User Interface	8" Inch LCD Touch Screen/Emergency Stop Button/LED Indicator
IP rating	IP54
Charging Cable Length	5 m
Enclosure Mounting	Floor Mount
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Certificates	CE Listed

* To charge a Tesla model 3/VW ID.3 from 20% to 80% SoC - 46.8kWh.

Electric Vehicle Charging Solutions

Commercial EV Charger-DC Series



DC004



DC Commercial (40KW)

- ✓ Wall-mounted
- ✓ Dynamic Load Balancing
- ✓ IP55, 10.1 inch QT screen
- ✓ Support RFID & various payment method*
- ✓ Comply with the ISO15118/DIN70121

DC004

Power Specification	
Input Voltage	Three phase 400 Vac 50-60Hz
Output Current (A)	64A
Output Power (KW)	40
Charging Time Reference (hrs.)*	1.2-2.3
Other Specification	
Charging Interface	CCS2/CCS2+CCS2
User Authentication	APP or RFID Card (ISO / IEC 14443 A, Mifare), POS Machine (OPT)
Network Interface	Ethernet, WIFI, 4G
Protocol	OCPP1.6J (can be updated to OCPP 2.0)
User Interface	10.1 InchQTSscreen/Emergency Stop Button/LED Indicator
IP & IK rating	IP55/IK10(Screen IK08)
Charging Cable Length	5 m
Enclosure Mounting	Wall mounted
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Certificates	CE Listed

* To charge a Tesla model 3/VW ID.3 from 20% to 80% SoC - 46.8kWh.

Electric Vehicle Charging Solutions

Commercial EV Charger-DC Series



DC003



DC Commercial (80KW)

- ✓ Appearance more modern & compact
- ✓ Dynamic Load Balancing
- ✓ IP55, 10.1 inch QT screen
- ✓ Support RFID & various payment method*
- ✓ Comply with the ISO15118/DIN70121

DC003

Power Specification	
Input Voltage	Three phase 400 Vac 50-60Hz
Output Current (A)	128
Output Power (KW)	80
Charging Time Reference (hrs.)*	0.6-1.2
Other Specification	
Charging Interface	CCS2+CCS2
User Authentication	APP or RFID Card (ISO / IEC 14443 A, Mifare), POS Machine (OPT)
Network Interface	Ethernet, WIFI, 4G
Protocol	OCPP1.6J (can be updated to OCPP 2.0)
User Interface	10.1 InchQTScreen/Emergency Stop Button/LED Indicator
IP rating	IP55
Charging Cable Length	5 m
Enclosure Mounting	Floor Mount
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Certificates	CE Listed

* To charge a Tesla model 3/VW ID.3 from 20% to 80% SoC - 46.8kWh.

Electric Vehicle Charging Solutions

Commercial EV Charger-DC Series



DC002



DC Commercial (120KW/180KW)

- ✓ Dynamic Load Balancing
- ✓ 21.5" Advertising Screen + 7-inch LCD Touch-screen
- ✓ Support RFID & various payment method*
- ✓ Cable Management System

DC002

Power Specification	
Input Voltage	Three phase 400 Vac 50-60Hz
Output Current (A)	192-228
Output Power (KW)	120-180
Charging Time Reference (hrs.)*	0.3-0.4
Other Specification	
Charging Interface	CCS2+CCS2
User Authentication	APP or RFID Card (ISO / IEC 14443 A, Mifare), POS Machine (OPT)
Network Interface	Ethernet, WIFI, 4G
Protocol	OCPP1.6J
User Interface	21.5" Advertising Screen/10.1" Inch LCD Touch Screen/Emergency Stop Button/LED Indicator
IP rating	IP55
Charging Cable Length	5 m
Enclosure Mounting	Floor Mount
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Certificates	CE Listed

* To charge a Tesla model 3/VW ID.3 from 20% to 80% SoC - 46.8kWh.

CEDARS EV CHARGER

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