



EV CHARGERS

World Class Quality, International Standards





Integrated Product Service



Development & Design

- Power Modules Design 30kW~60kW
- 7kW~360kW Moveable/Wall-Mounted/Free Standing Charger Designs
- Planning Of EV & E Motor Charging Stations
- Integration Of Energy Storage And Safety Management
- CE, ETL, cTUVus (Complies With UL), CNS, GB/T Certification
- IEC62196-2 Type 2, CCS, CHAdeMO, SAE J1772, GB/T Charging Interface

Production & Manufacturing

- Taiwan / Dongguan, China / Vietnam
- IATF 16949 / ISO 45001
- ISO 9001 / ISO 13485 / ISO 14001

Survey & Construction

(Service Available In Select Regions. Please Consult With Local Pihong Sales Staff)

- Charging Station Planning
- Electrical Power Evaluation
- License Application
- Operator Management
- Professional Installation

Back-End Cluster Management

- Back End/Cloud Platform Development & Management
- Real-Time Monitoring And Management Of Chargers
- Mobile App
- Account Authorization Management
- Supports Operators With Payment Methods, Such As Credit Cards, Easy Cards, iPass

Party Payment Options

- Big Data Analysis

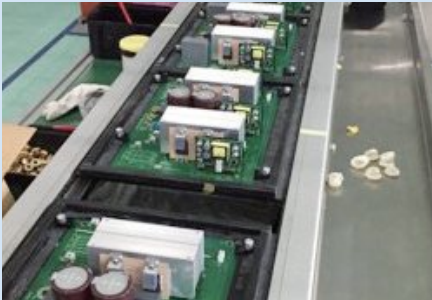
Post-Sale Services

(Service Available In Select Regions. Please Consult With Local Pihong Sales Staff.)

- Comprehensive Training
- 24/7 Service
- Firmware Upgrade
- Safe Storage Of Factory Repair Parts
- Professional Repair Team

Production and Testing

Production and System Testing



· Semi-finished Product Testing: Wave-Soldering Assembly



· Semi-finished Products: Testing & Assembly

Charger - Assembly



· DC Chargers: Assembly

Charger - Burn In



DC Charger Burn-in System

AC Charger Burn-in System

Power Module Burn-in System

Charging for Various Usages



Parking

on-street designated,
public parking



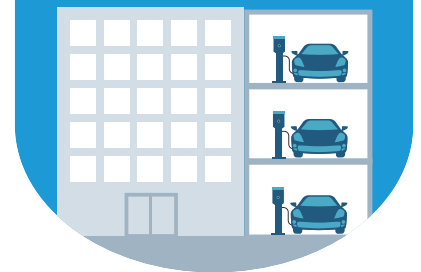
Residential

home



Workplace

employee and visitor parking



Public commercial

shopping mall, dining and
entertainment centers



Infrastructure

petrol station, EV charging hub



Fleets

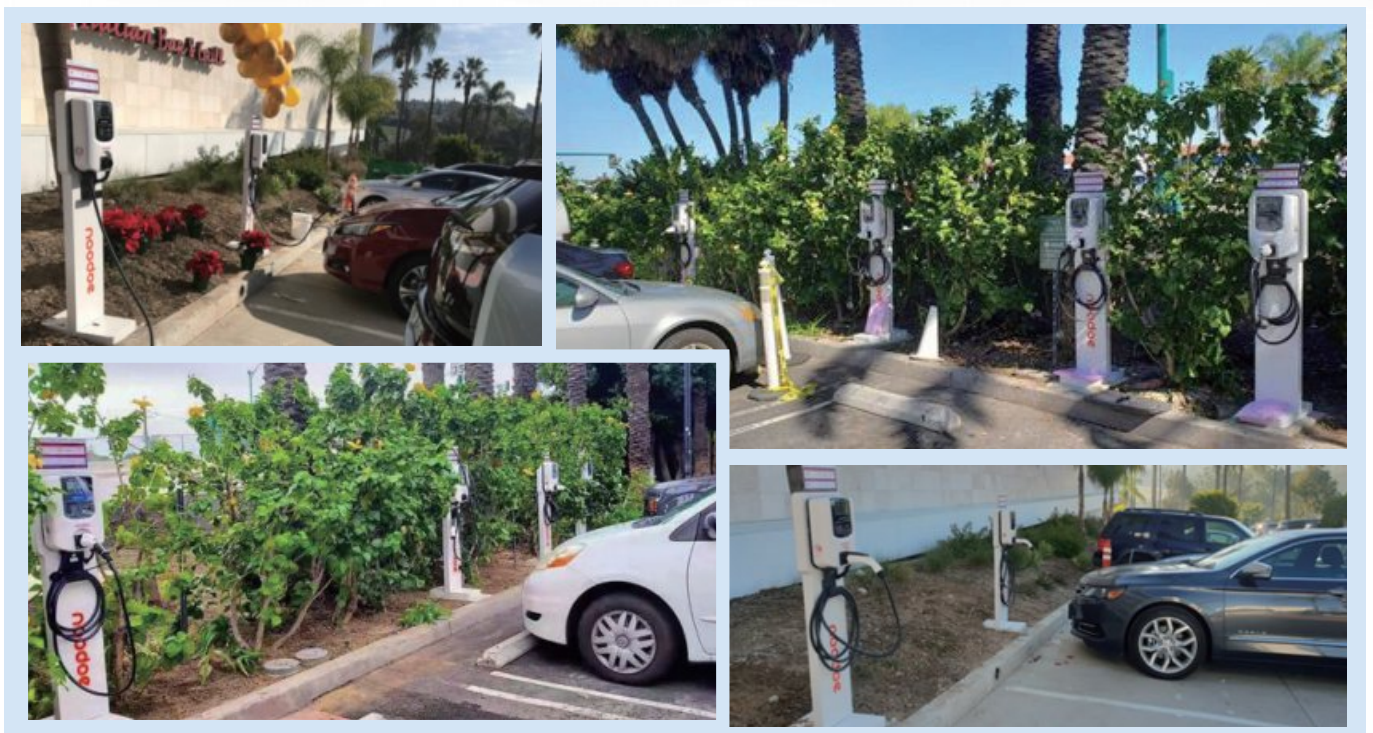
delivery vans, trucks,
eBus depots



Jaguar



International Luxury Hotels, California



Contents

AC chargers

- ✓ w/o Wi-Fi
 - ✓ w/o 4G
 - ✓ w/o RFID
- 32A/ 48A
EV AC Charger

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- ✓ w/Wi-Fi
 - ✓ w/o 4G
 - ✓ RFID
- 48A-11kW Single Phase
32A-22kW Three Phase
EV AC Charger

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- ✓ w/Wi-Fi
 - ✓ w/o 4G
 - ✓ RFID
- 80A-19.2W Single Phase
EV AC Charger

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DC Chargers

30kW Wall Mount
DC Fast Charger

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30kW Moveable
DC Fast Charger

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60kW Free Standing
DC Fast Charger

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90kW/120kW/
150kW/180kW
Free Standing
DC Fast Charger

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360kW - Fan Cooling System DC Charger

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360kW - New Generation Dispenser

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180kW Power Dispenser DC to DC Charger

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180kW Power Rack DC Fast Charger

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DC Modules

30kW DC charging module

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Accessories

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Software Solution

Front End System
Back End System

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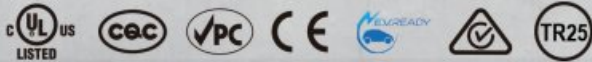


Locations

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32A EV Wall Mount AC Charger



For information on the optional charging pedestal, please refer to the accessory section on page 43.

Features


-  Residential and Commercial EV Charging
-  Wired/Wireless Connection for Central Management System
-  Support for Smart Phone App and QR Code for User Authentication and Management
-  Input: 200Vac~240Vac
-  Modern, Ergonomic and Custom Design
-  IP55 Rated for Indoor/Outdoor Applications, NEMA 3R
-  Firmware Updates Through Remote Connection
-  Charging Interface: SAE J1772 (Type 1) or IEC 62196 (Type 2)
-  OCPP 1.6 JSON

Model List

	Type 1 Non- Networking	Type 2 Networking	Type 3 Wi-Fi	Type 4 4G
RFID	-	✓	✓	✓
LAN	-	✓	✓	✓
Wi-Fi	-	-	✓	-
4G	-	-	-	✓
OCPP	-	✓	✓	✓

Applications

- Parking Garages
- Commercial Fleet Operators
- EV Infrastructure Operators and Service Providers
- EV Dealer Workshops

Model Name	AWSE770	AWLU770	AW8U770 AW9U770	AWSC770	AWSG770	AWSJ600001	
Safety	CE/CB (Europe)	UL/Cul (North America)		CNS (Taiwan)	CQC (China)	JARI (Japan)	
Picture							
Power Specification							
AC Input	Input Rating	200~240Vac/Single Phase					
	AC Input Connection	L/N/PE	L1/L2/GND	NEMA 14-50 NEMA 6-50	L/L1, N/L2, PE	L/N/PE	L/N/PE
	Input Current	32A				30A	
	Frequency	50Hz/60Hz					
AC Output	Output Current	32A				30A	
User Interface & Control							
User Authentication	RFID (ISO/IEC 14443A/B, ISO/IEC 15693, FeliCa™, MIFARE) , QR Code & Third Party Payment System						
Communication							
External	LAN (optional) + 4G (optional) or Wi-Fi (optional)						
Internal	OCPP 1.6 JSON						
Environmental							
Operating Temperature	-30°C ~ +50°C (-22 °F ~ +122 °F)						
Humidity	Max. 95% RH						
Altitude	≤ 2000m (6562ft)						
IP Level	IP55	NEMA 3R		IP55	IP55	IP55	
Cooling Method	Natural Cooling						
Mechanical							
Dimension(WxDxH)	260mm x 100mm x 280mm (10.24in x 3.94in x 11.02in)						
Weight	≤ 4Kg (8.82lbs) with plug						
Cable Length	5m (16ft)						
Protection							
RCD/CCID	RCD Type B	CCID 20		RCD Type A	RCD Type A	RCD Type A	
Input Side	UVP, OVP, Surge Protection, Ground Fault						
Output Side	OCP, Control Pilot Fault, Residual Current Protection						
Internal	OTP, Relay Welding Detection, CCID Self-Test, MCU Function Fault Detection						
Regulation							
Certification	IEC 61851-1, IEC 61851-21-2	UL2594, UL2231-1/-2		CNS 15511-2, CNS 15511-3,	GB/T 18487.1/2, GB/T 20234.1/2, GB/T 33594, GB/T 34657.1	JARI A 0001:2014 JARI A 0101:2014 JARI A 0201:2014 JARI A 0301:2014 JARI A 0401:2014	
Wireless Certification	RED	FCC/IC		NCC	-	-	
Charging Interface	IEC 62196-2 Type 2 Plug	SAEJ1772 Type 1 Plug		SAEJ1772 Type 1 Plug	GB/T 20234.2	PSE Type 1 Plug	














48A Wall Mount AC Charger



For information on the optional charging pedestal, please refer to the accessory section on page 43.

Features


-  Residential & Commercial EV Charging
-  Wired/Wireless Connection for Central Management System
-  Support for Smart Phone App and QR Code for User Authentication and Management
-  Input: 200Vac~240Vac
-  Modern, Ergonomic and Custom design
-  NEMA 3R Rated for Indoor/Outdoor Applications
-  Firmware Updates Through Remote Connection
-  Charging Interface: SAE J1772 (Type 1)
-  OCPP 1.6 JSON (Upgradeable to 2.0)
-  Energy Star Certified
-  Supports ISO 15118 Protocol

Model List

	Type 1 NEMA Connector	Type 2 Hardwire
RFID	-	-
LAN /BLE5.0	-	✓
Wi-Fi	✓	✓
4G	-	-
OCPP	✓	✓

Applications

- Parking Garages
- Commercial Fleet Operators
- EV Infrastructure Operators and Service Providers
- EV Dealer Workshops

Model Name		AW48 Series	
Safety	UL Safety & EnergyStar™		
Picture			
Power Specification			
AC Input	Input Rating	Single-phase/L, N, PE; L1, L2, PE/200~240Vac; 50/60Hz	
	AC Input Connection	NEMA 14-50; NEMA 6-50; L1/L2/GND	
	Input Current	32A	48A
	Frequency	50Hz/60Hz	
AC Output	Output Current	32A	48A
User Interface & Control			
User Authentication	Smart Phone App		
Communication			
External	Wi-Fi/BLE 5.0		
Internal	OCPP 1.6 JSON (Upgradeable to 2.0)		
Environmental			
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)		
Humidity	Max. 95% RH		
Altitude	≤ 2000m (6561 ft)		
IP Level	NEMA 3R		
Cooling Method	Natural Cooling		
Mechanical			
Dimension(WxDxH)	260mm x 100mm x 280mm (10.24in x 3.94in x 11.02in)		
Weight	≤ 4Kg (8.82lbs) With Plug		
Cable Length	5m (16.4ft)		
Protection			
RCD/CCID	CCID 20		
Input Side	UVP, OVP, Surge Protection, Ground Fault		
Output Side	OCP, Control Pilot Fault, Residual Current Protection		
Internal	OTP, Relay Welding Detection, CCID Self-Test, MCU Function Fault Detection		
Regulation			
Certification	UL2594, UL2231-1/-2		
Wireless Certification	FCC/IC		
Charging Interface	SAEJ1772 Type 1 Plug		



48A-11kW Single Phase (North America) 32A-22kW Three Phase (EU) Wall-mount EV AC Charger


















For information on the optional charging pedestal, please refer to the accessory section on page 43.

Applications

- Parking Garages
- Commercial Fleet Operators
- EV Infrastructure Operators and Service Providers
- EV Dealer Workshops

Features

-  Residential and Commercial EV Charging
-  Wired/Wireless Connection for Central Management System
-  Support for RFID Card and QR Code for User Authentication and Management
-  Input: 200Vac~240Vac
-  Modern, Ergonomic and Custom Design
-  Optional 5-inch LCD Display
-  IP56/NEMA 4 Rated for Indoor/Outdoor Applications
-  Charging Interface: SAE J1772 (Type 1)/IEC 62196-2 (Type 2)
-  OCPP 1.6 JSON (Upgradeable to 2.0)
-  ISO 15118 Protocol
-  Local Load Management, Making the Field Power Configuration Planning of Charging Stations More Flexible
-  Over the Air Technology

Model Name		AX32 Cable	AX32 Socket	AXLU111
Safety		CE/CB (Europe)		UL/cULus (North America)
Picture				
Power Specification				
AC Input	Input Rating	Three-Phase: 3P+N+PE ; 380~415Vac		Single-Phase: 200~240Vac
	AC Input Connection	L1/L2/L3/N/PE		L1/L2/GND or L/N/PE
	Input Current	32A		48A
	Frequency	50Hz/60Hz		50Hz/60Hz
AC Output	Output Current	32A / 16A Type-E Socket (Optional)		48A
	Output Power	22kW (adjustable 11kW)		11.5kW (240Vac*48A)
User Interface & Control				
Display		LED Pilot Lamp (standard), 5-inch LCD (Optional)		
User Authentication		RFID (ISO/IEC 14443A/B, ISO/IEC 15693, FeliCa™, MIFARE), ISO 15118		
Meter		Meter IC (1% Accuracy) MID Meter (Optional)	Meter IC (1% Accuracy) MID Meter (Optional)	Meter IC (1% Accuracy)
Communication				
External		LAN+WiFi (Standard) or LAN+4G+WiFi (Optional)		
Internal		OCPP 1.6 JSON (Upgradeable to 2.0) EEBUS (Support in 2022)		
Environmental				
Operating Temperature		-30°C ~ +50°C (-22°F ~ +122°F) Standard		
Humidity		< 85% (RH) @50°C (+122°F)		
Altitude		≤ 2000m (6562ft)		
Enclosure Protection (IK/IP Level)		IP56 (Socket Model is IP55) & IK08		NEMA TYPE 4
Cooling Method		Natural Cooling		
Mechanical				
Dimension(WxDxH)		295mm x 158mm x 505mm (11.61in x 6.22in x 19.88in)	295mm x 180mm x 505mm (11.61in x 7.10in x 19.88in)	295mm x 158mm x 505mm (11.61in x 6.22in x 19.88in)
Weight		<7kg (15.43lbs) with Socket; <10kg (22lbs) With Cable		
Cable Length		5m (16.4ft) 7.5m (24.6ft) with Optional Cable Management		
Protection				
RCD/CCID		RCD type A + DC 6mA		CCID 20
Input Side		UVP, OVP, Surge Protection, Ground Fault		
Output Side		OCP, Control Pilot Fault, Residual Current Protection		
Protocol		OTP, Relay Welding Detection, CCID Self-Test, MCU Function Fault Detection		
Regulation				
Certification		IEC 61851-1, IEC 61851-21-2		UL2594, UL2231-1/-2, CTEP, EnergyStar™
Wireless Certification		RED		FCC/IC
Charging Interface		IEC 62196-2 Type 2 Plug	IEC 62196-2 Type 2 Shuttered Socket	SAEJ1772 Type 1 Plug

80A Wall-Mount AC EV Charger
















For information on the optional charging pedestal, please refer to the accessory section on page 43.

Applications

- Parking Garages
- Commercial Fleet Operators
- EV Infrastructure Operators and Service Providers
- EV Dealer Workshops











Features

-  Designed for Residential & Commercial EV charging
-  Wired/Wireless connection for Central Management System
-  Support for RFID Card and QR Code for User Authentication and Management
-  Input: 200Vac~240Vac
-  Modern, Ergonomic and Custom Design
-  Optional 5-inch LCD Display
-  NEMA 4 Rated for Indoor/Outdoor Applications
-  Charging Interface: SAE J1772 (Type 1)
-  OCPP 1.6 JSON (Upgradeable to 2.0)
-  ISO 15118 Protocol
-  Local Load Management, Making the Field Power Configuration Planning of Charging Stations More Flexible
-  Over the Air Technology

Model Name		AX80 Series
Safety		UL Safety & EnergyStar™
Picture		
Power Specification		
AC Input	Input Rating	Single-Phase/L, N, PE; L1, L2, PE/ 200~240Vac
	AC Input Connection	TN/TT
	Input Current	80A
	Frequency	50Hz/60Hz
AC Output	Output Current	Single-Phase/80A (max) (with AC breaker capacity selection)
	Output Power	19.2kW (240Vac*80A)
User Interface & Control		
Display		5" LCD Display, LED Indicator
User Authentication		RFID (Standard), ISO/IEC 14443 Type A/B, Felica or Contactless NFC System (Optional)
Communication		
Vehicle to Grid Communication Interface		ISO 15118 (upgradeable via OTA)
Network Interface		Ethernet + Wi-Fi (IEEE 802.11 b/g/n) (standard) Ethernet + Wi-Fi (IEEE 802.11 b/g/n) + 4G (optional)
Charge Protocol		OCPP 1.6 JSON (upgradeable to 2.0)
Environmental		
Operating Temperature		-30°C +50°C (-22°F +122°F) Standard or -20°C to +50°C (-4°F to +122°F) With External EMV Payment
Humidity		< 85% (RH), Non-Condensing @50°C (+122°F)
Altitude		≤ 2000m (6562ft)
Enclosure Protection (IK/IP Level)		NEMA 4, IK08
Cooling Method		Natural Cooling
Mechanical		
Dimension(WxDxH)		295mm x 158mm x 505mm (11.61in x 6.22in x 19.88in)
Weight		<13kg (28.66lbs)
Cable Length		5m (16.4ft) Standard 7.5m (24.6ft) with Optional Cable Management
Protection		
Input Side		UVP, OVP, Surge Protection, Ground Fault
Output Side		OCP, Control Pilot Fault, Residual Current Protection
Protocol		OTP, Relay Welding Detection, CCID Self-Test, MCU Function Fault Detection
Regulation		
Certification		UL2594, UL2231-1/-2, CTEP, EnergyStar™
Wireless Certification		FCC/IC
Charging Interface		SAEJ1772 Type 1 Plug



Features

-  Multi-Standard: CCS and CHAdeMO
-  Network or Standalone Operation
-  User Authentication
-  Supports Smart Charging and Load Balancing
-  Efficiency > 94%
-  PF > 0.99 (APFC)
-  Customization Available
-  7-inch LCD Screen with User Friendly Interface
-  IK10 (Not including screen and RFID module), IP55 , NEMA 3R
-  OCPP 1.6 JSON (Upgradeable to 2.0)



For information on the optional charging pedestal, please refer to the accessory section on page 43.

Applications

- Parking Garages
- Commercial Fleet Operators
- EV Infrastructure Operators and Service Providers
- EV Dealer Workshops

Model Name		CE, DW 30 Series	UL, DW 30 Series
Safety (Not including GB)		CE/CB (Europe)	NRTL – cETLus (USA/Canada)
Picture			
Power Specification			
AC Input	Input Rating	3 Φ _380~415Vac (\pm 15%)	3 Φ _480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	3 Φ 47A	3 Φ 40A
	Frequency	50Hz/60Hz	
	Power Factor	>0.99	
	Efficiency	>94%, at Optimize V/I Point	
DC Output	Output Voltage Range	CHAdEMO: 150~500Vdc/CCS: 150~950Vdc	
	Max. Output Current	CHAdEMO/CCS: 60A@500Vdc	
	Max. Output Power	DC 30kW	
	Voltage Accuracy	\pm 2%	
	Current Accuracy	\pm 2%	
User Interface & Control			
Display		7" LCD	
Push Buttons		Operation Buttons / Emergency Stop Button	
User Authentication		RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
Communication			
External		Ethernet, Wi-Fi & 4G	
Internal		CAN bus/RS485	
Environmental			
Operating Temperature		-30°C ~ 50°C (-22°F ~ +122°F)	
Humidity		5%~95% RH, Non-Condensing	
Altitude		\leq 2000m (6562ft)	
IP/IK Level		IP55 IK10 (not including screen & RFID module)	NEMA 3R IK10 (not including screen & RFID module)
Cooling Method		Fan Cooling	
Mechanical			
Cabinet Dimension(W x D x H)		610mm x 230mm x 690mm (24.01in x 9.06in x 27.17in) \pm 1%	
Weight		Single plug: \leq 80kg (176lbs) \pm 1%/Dual plugs: \leq 88kg (194lbs) \pm 1%	
Cable Length		4m (13ft)	
Protection			
Input Protection		OVP, OPP, OTP, UVP, SPD	
Output Protection		SCP, OCP, OVP, LVP, OTP, IMD	
Regulation			
Certification		IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL2231, EnergyStar™
Charging Interface		CHAdEMO V1.2, DIN 70121, ISO15118	

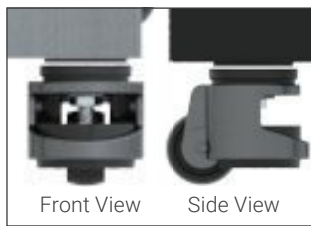


30kW Moveable DC Fast Charger

Wheels



For EU



Front View











Side View


For US

Applications

- Parking Garages
- Commercial Fleet Operators
- EV Dealer Workshops

Features

-  Multi-Standard: CCS and CHAdeMO
-  Network or Standalone Operation
-  User Authentication
-  Supports Smart Charging and Load Balancing
-  Efficiency > 94%
-  PF > 0.99 (APFC)
-  Customization Available
-  7-inch LCD Screen with User Friendly Interface
-  IK10 (Not including screen and RFID module), IP55, NEMA 3R
-  OCPP 1.6 JSON (Upgradeable to 2.0)

Model Name		CE, DM 30 Series	UL, DM 30 Series
Safety (Not including GB)		CE/CB (Europe)	NRTL – cETLus (USA/Canada)
Picture			
Power Specification			
AC Input	Input Rating	3 Φ _380~415Vac (\pm 15%)	3 Φ _480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration),TN/TT	3P+N+PE (Wye configuration),TN/TT
	Max. Input Current	3 Φ 47A	3 Φ 40A
	Frequency	50Hz/60Hz	
	Power Factor	> 0.99	
	Efficiency	>94% (at optimize V/I point)	
DC Output	Output Voltage Range	CHAdEMO: 150~500Vdc/CCS:150~950Vdc	
	Max. Output Current	CHAdEMO/CCS: 60A@500Vdc	
	Max. Output Power	DC 30kW	
	Voltage Accuracy	\pm 2%	
	Current Accuracy	\pm 2%	
User Interface & Control			
Display		7" LCD	
Push Buttons		Operation Buttons / Emergency Stop Button	
User Authentication		RFID: Support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
Communication			
External		Ethernet, Wi-Fi & 4G	
Internal		CAN bus / RS485	
Environmental			
Operating Temperature		-30°C~50°C (-22°F ~ +122°F)	
Humidity		5%~95% RH, Non-Condensing	
Altitude		\leq 2000m (6562ft)	
IP/IK Level		IP55 IK10 (not including screen & RFID module)	NEMA 3R IK10 (not including screen & RFID module)
Cooling Method		Fan Cooling	
Mechanical			
Cabinet Dimension(W x D x H)		589mm x 620mm x 1020mm (23.19in x 24.41in x 40.16in) cable holder 155mm (6.10in)	589mm x 620mm x 988mm (23.19in x 24.41in x 37.90in) cable holder 155mm (6.10in)
Weight		\leq 80kg (176lbs) \pm 1%	
Cable Length		4m (13ft)	
Protection			
Input Protection		OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection		OCP, SCP, OVP, LVP, OTP, IMD	
Regulation			
Certification		IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL2231, EnergyStar™
Charging Interface		CHAdEMO V1.2, DIN 70121, ISO15118, GB/T 27930	



60kW Free Standing DC Fast Charger












Cable Management




Applications

- Parking Garages
- Commercial Fleet Operators
- EV Dealer Workshops
- EV Infrastructure Operators and Service Providers
- Gas/Service Stations

Features












-  Multi-standard: CCS, CHAdeMO and GB/T; Simultaneous DC Charging
-  Network or Standalone Operation
-  User Authentication
-  Optional Cable Management Accessories
-  Supports Smart Charging and Load Balancing
-  Efficiency > 94%
-  PF > 0.99 (APFC)
-  Customization Available
-  7-inch LCD Screen with User Friendly Interface
-  IK10 (Not including screen and RFID module), IP55, NEMA 3R
-  OCPP 1.6 JSON (Upgradeable to 2.0)

Model Name		CE, DS 60 Series	UL, DS 60 Series
Safety		CE/CB (Europe)	NRTL – cETLus (USA/Canada)
Picture			
Power Specification			
AC Input	Input Rating	3 Φ _380~415Vac (\pm 15%)	3 Φ _480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT/IT	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	DC System: 3 Φ 118A	DC System: 3 Φ 100A
	Frequency	50Hz/60Hz	
	Power Factor	>0.99	
	Efficiency	>94% (at optimize V/I point)	
DC Output	Output Voltage Range	CCS2: 150~950Vdc CHAdEMO: 150~500Vdc GBT: 150~750Vdc	CCS1: 150~950Vdc CHAdEMO: 150~500Vdc
	Max. Output Current	CHAdEMO/CCS2/GBT: 120A@500Vdc	CHAdEMO/CCS1: 120A@500Vdc
	Max. Output Power	DC System: 60kW	
	Voltage Accuracy	\pm 2%	
	Current Accuracy	\pm 2%	
User Interface & Control			
Display		7" LCD	
Push Buttons		Operation Buttons/ Emergency Stop Button	
User Authentication		RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR code, Mobile App, & Third Party Payment System	
Meter		AC MID Meter (with CE), DC PTB Meter (2021Q4)	AC/DC Meter (optional)
Communication			
External		Ethernet, Wi-Fi, & 4G	
Internal		CAN bus / RS485	
Environmental			
Operating Temperature		-30°C~50°C (-22°F ~ +122°F)	
Humidity		5%~95% RH, Non-Condensing	
Altitude		\leq 2000m (6562ft)	
IP/IK Level		IP55 IK10 (not including screen & RFID module)	NEMA 3R IK10 (not including screen & RFID module)
Cooling Method		Fan Cooling	
Mechanical			
Cabinet Dimension(W x D x H)		700mm x 331mm x 1800 mm (27.56in x 13.03in x 70.87in) \pm 1%	
Weight		\leq 235kg (518lbs) \pm 1%	
Cable Length		4m (13ft)	4m (13ft)
Protection			
Input Protection		OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection		OCP, SCP, OVP, LVP, OTP, IMD	
Regulation			
Certification		IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL2231, EnergyStar™
Charging Interface		CHAdEMO V1.2, DIN 70121, ISO15118, GB/T 27930	

DS Series

90kW / 120kW / 150kW / 180kW Free Standing DC Fast Charger

Features

-  Multi-Standard: CCS, CHAdeMO and GB/T ; Simultaneous DC Charging
Optional Fan Cooled 300A Charging Connector
-  Network or Standalone Operation
-  User Authentication
-  Optional Cable Management Accessories
-  Supports Smart Charging and Load Balancing
-  Efficiency > 94%
-  PF > 0.99 (APFC)
-  Customization Available
-  7-inch LCD Screen with User Friendly Interface
-  IK10 (Not including screen and RFID module), IP55, NEMA 3R
-  OCPP 1.6 JSON (Upgradeable to 2.0)

Applications


- Parking Garages
- Commercial Fleet Operators
- EV Dealer Workshops
- EV Infrastructure Operators and Service Providers
- Gas/Service Stations


Cable Management







DS Series

Model Name		CE, DS 90 Series	UL, DS 90 Series
Safety		CE/CB (Europe)	NRTL – cETLus (USA/Canada)
Picture			
Power Specification			
AC Input	Input Rating	3Φ_380~415Vac (±15%)	3Φ_480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT/IT	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	DC System: 3Φ175A	DC System: 3Φ116A
	Frequency	50Hz/60Hz	
	Power Factor	>0.99	
	Efficiency	>94% (at optimize V/I point)	
DC Output	Output Voltage Range	CCS2: 150~950Vdc CHAdEMO: 150~500Vdc GBT: 150~750Vdc	CCS1:150~950Vdc CHAdEMO: 150~500Vdc
	Max. Output Current	CHAdEMO: 120A@500V CCS2: 200A@450V GBT: 250A@360V	CHAdEMO: 120A@500V CCS1: 200A@450V
	Max. Output Power	DC System: 90kW	DC System: 90kW
	Voltage Accuracy	±2%	
	Current Accuracy	±2%	
User Interface & Control			
Display		7" TFT-LCD	
Push Buttons		Operation Button/Emergency Stop Button	
User Authentication		RFID: Supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
Communication			
External		Ethernet, Wi-Fi & 4G	
Internal		CAN bus / RS485	
Environmental			
Operating Temperature		-30°C~50°C (-22°F ~ +122°F)	
Humidity		5%~95% RH, Non-Condensing	
Altitude		≤ 2000m (6562ft)	
IP/IK Level		IP55 IK10 (not including screen & RFID module)	NEMA 3R IK10 (not including screen & RFID module)
Cooling Method		Fan Cooling	
Mechanical			
Cabinet Dimension(W x D x H)		800mm x 650mm x 1900mm (31.50in x 25.59in x 74.80in) ±1%	
Weight		≤ 390kg (860lbs) ±1%	
Cable Length		4.5m (15ft)/Optional 7m (23ft)	4.5m (15ft)/Optional 7m (23ft)
Protection			
Input Protection		OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection		OCP, SCP, OVP, LVP, OTP, IMD	
Regulation			
Certification		IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL2231, EnergyStar™
Charging Interface		CHAdEMO V1.2, DIN 70121, ISO15118, GB/T 27930	

CE, DS 120 Series	UL, DS 120 Series
CE/CB (Europe)	NRTL – cETLus (USA/Canada)
	
3Φ_380~415Vac (±15%)	3Φ_480Vac (+10%, -15%)
3P+N+PE (Wye configuration), TN/TT/IT	3P+N+PE (Wye configuration), TN/TT
DC System: 3Φ230A	DC System: 3Φ194A
50Hz/60Hz	
>0.99	
>94% (at optimize V/I point)	
CCS2: 150~950Vdc CHAdMO: 150~500Vdc GBT: 150~750Vdc	CCS1: 150~950Vdc CHAdMO: 150~500Vdc
CHAdMO: 120A@500V CCS2@200A@600V, optional 300A GBT: 250A@480V	CHAdMO: 120A@500V CCS1: 200A@600V, optional 300A
DC System: 120kW	DC System: 120kW
±2%	
±2%	
7" TFT-LCD	
Operation Button/Emergency Stop Button	
RFID: Supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
Ethernet, Wi-Fi & 4G	
CAN bus / RS485	
-30°C~50°C (-22°F ~ +122°F)	
5%~95% RH, Non-Condensing	
≤ 2000m (6562ft)	
IP55 IK10 (not including screen & RFID module)	NEMA 3R/IK10 (not including screen & RFID module)
Fan Cooling	
800mm x 650mm x 1900mm (31.50in x 25.59in x 74.80in) ±1%	
≤ 420kg (926lbs) ±1%	
4.5m (15ft)/Optional 7m (23ft)	4.5m (15ft)/Optional 7m (23ft)
OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
OCP, SCP, OVP, LVP, OTP, IMD	
IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL2231, EnergyStar™
CHAdMO V1.2, DIN 70121, ISO15118, GB/T 27930	

DS Series

Model Name		CE, DS 150 Series	UL, DS 150 Series
Safety		CE/CB (Europe)	NRTL – cETLus (USA/Canada)
Picture			
Power Specification			
AC Input	Input Rating	3Φ_380~415Vac (±15%)	3Φ_480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT/IT	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	DC System:3Φ288A	DC System:3Φ194A
	Frequency	50Hz/60Hz	
	Power Factor	>0.99	
	Efficiency	>94% (at optimize V/I point)	
DC Output	Output Voltage Range	CCS2: 150~950Vdc CHAdEMO: 150~500Vdc GBT: 150~750Vdc	CCS1: 150~950Vdc CHAdEMO: 150~500Vdc
	Max. Output Current	CHAdEMO: 120A@500V CCS2: 200A@750V, optional 300A GBT: 250A@600V	CHAdEMO: 120A@500V CCS1: 200A@750V, optional 300A
	Max. Output Power	DC System: 150kW	DC System: 150kW
	Voltage Accuracy	±2%	
	Current Accuracy	±2%	
User Interface & Control			
Display		7" TFT-LCD	
Push Buttons		Operation Button/Emergency Stop Button	
User Authentication		RFID: Supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
Communication			
External		Ethernet, Wi-Fi & 4G	
Internal		CAN bus / RS485	
Environmental			
Operating Temperature		-30°C~50°C (-22°F ~ +122°F)	
Humidity		5%~95% RH, Non-Condensing	
Altitude		≤ 2000m (6562ft)	
IP/IK Level		IP55 IK10 (not including screen & RFID module)	NEMA 3R IK10 (not including screen & RFID module)
Cooling Method		Fan Cooling	
Mechanical			
Cabinet Dimension(W x D x H)		800mm x 650mm x 1900mm (31.50in x 25.59in x 74.80in) ±1%	
Weight		≤ 460kg (1014lbs) ±1%	
Cable Length		4.5m (15ft)/Optional 7m (23ft)	4.5m (15ft)/Optional 7m (23ft)
Protection			
Input Protection		OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection		OCP, SCP, OVP, LVP, OTP, IMD	
Regulation			
Certification		IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL2231, EnergyStar™
Charging Interface		CHAdEMO V1.2, DIN 70121, ISO15118, GB/T 27930	

CE, DS 180 Series	UL, DS 180 Series
CE/CB (Europe)	NRTL – cETLus (USA/Canada)
	
3Φ_380~415Vac (±15%)	3Φ_480Vac (+10%, -15%)
3P+N+PE (Wye configuration), TN/TT/IT	3P+N+PE (Wye configuration), TN/TT
DC System: 3Φ350A	DC System: 3Φ232A
50Hz/60Hz	
>0.99	
>94% (at optimize V/I point)	
CCS2: 150~950Vdc CHAdEMO: 150~500Vdc GBT: 150~750Vdc	CCS1: 150~950Vdc CHAdEMO: 150~500Vdc
CHAdEMO: 120A@500V CCS2: 200A@900V, optional 300A GBT: 2 50A@720V	CHAdEMO: 120A@500V CCS1: 200A@900V, optional 300A
DC System: 180kW	DC System: 180kW
±2%	
±2%	
7" TFT-LCD	
Operation Button/Emergency Stop Button	
RFID: Supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
Ethernet, Wi-Fi & 4G	
CAN bus / RS485	
-30°C~50°C (-22°F ~ +122°F)	
5%~95% RH, Non-Condensing	
≤ 2000m (6562ft)	
IP55 IK10 (not including screen & RFID module)	NEMA 3R IK10 (not including screen & RFID module)
Fan Cooling	
800mm x 650mm x 1900mm (31.50in x 25.59in x 74.80in) ±1%	
≤ 500kg (1102lbs) ±1%	
4.5m (15ft)/Optional 7m (23ft)	4.5m (15ft)/Optional 7m (23ft)
OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
OCP, SCP, OVP, LVP, OTP, IMD	
IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL2231, EnergyStar™
CHAdEMO V1.2, DIN 70121, ISO15118, GB/T 27930	












360kW Fan Cooling System DC Fast Charger

Applications

- EV Bus Stations
- Parking Garages
- Commercial Fleet Operators
- EV Dealer Workshops
- EV Infrastructure Operators and Service Providers
- Gas/Service Stations

Features








-  Up to 360KW/500A Per Output with Liquid-Cooled Connector
-  Simultaneous 4 DC Charging; Multi-standard: CCS, CHAdeMO and GB/T
-  Power Cabinet Supports Pantograph Charging
-  Network or Standalone Operation
-  User Authentication
-  Supports Smart Charging and Load Balancing
-  Customization Available

Model Name		CE, DO 360 Series	UL, DO 360 Series
Safety		CE/CB (Europe)	NRTL - cETLus (USA/Canada)
Picture			
Power Specification			
AC Input	Input Rating	3 Φ _380~415Vac (\pm 15%)	3 Φ _480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	670A(CE)	538A(UL)
	Frequency	50Hz/60Hz	
	Power Factor	>0.99	
	Efficiency	>94%	
DC Output	Output Voltage Range	CCS: 150~950Vdc GBT: 150~750Vdc CHAdEMO: 150~500Vdc	
	Max. Output Current	CCS Liquid Cooling Plug: 500A@720V, CCS Plug: 200A@950V, 300A@950V (Optional) CHAdEMO: 200A@500V GBT: 250A@750V GBT (Only CE)	
	Max. Output Power	DC 360kW	
	Voltage Accuracy	\pm 2%	
	Current Accuracy	\pm 2%	
User Interface & Control			
Display		7" TF T-LCD	
Push Buttons		Operation Buttons/Emergency Stop Button	
User Authentication		RFID: Supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
Communication			
External		Ethernet, Wi-Fi & 3G/4G	
Internal		CAN bus / RS485	
Environmental			
Operating Temperature		-30°C ~ +50°C (-22°F ~ +122°F)	
Humidity		5%~95% RH, Non-Condensing	
Altitude		\leq 2000m (6562ft)	
IP/IK Level		IP55 IK10 (not including screen & RFID module)	IK10 NEMA3R
Cooling Method		Fan Cooling	
Mechanical			
Cabinet Dimension(W x D x H)		1400mm x 800mm x 1900mm (55.12in x 31.50in x 74.80in) \pm 1% (main cabinet) 700mm x 550mm x 1800mm (27.56in x 21.65in x 70.87in) \pm 1% (sub cabinet)	
Weight		\leq 1200 kg (2646lbs) \pm 3% (main cabinet), \leq 300kg (661lbs) \pm 3% (sub cabinet)	
Cable Length		4m (13ft)	
Protection			
Input Protection		OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection		OCP, SCP, OVP, LVP, OTP, IMD	
Regulation			
Certification		IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL2202,UL2231 EMI/EMC FCC CFR Title 47 Part 15 Subpart B: 2020, ANSI C63.4: 2014 ICES-003:2020 Issue 7, EnergyStar™
Charging Interface		CHAdEMO V1.2, DIN 70121, ISO15118	



New Generation 360KW Dispenser


Applications

-  Up to 360KW/ 500A Per Output with Liquid-Cooled Connector
-  Simultaneous 4 DC Charging; Multi-Standard: CCS, CHAdeMO and GB/T
-  Power Cabinet supports Pantograph Charging
-  Firmware Updates Through Remote Connection
-  User Authentication
-  Supports Smart Charging and Load Balancing
-  Customization Available



Feature






- EV Bus Stations
- Parking Garages
- Commercial Fleet Operators
- EV Dealer Workshops
- EV Infrastructure Operators and Service Providers
- Gas/Service Stations

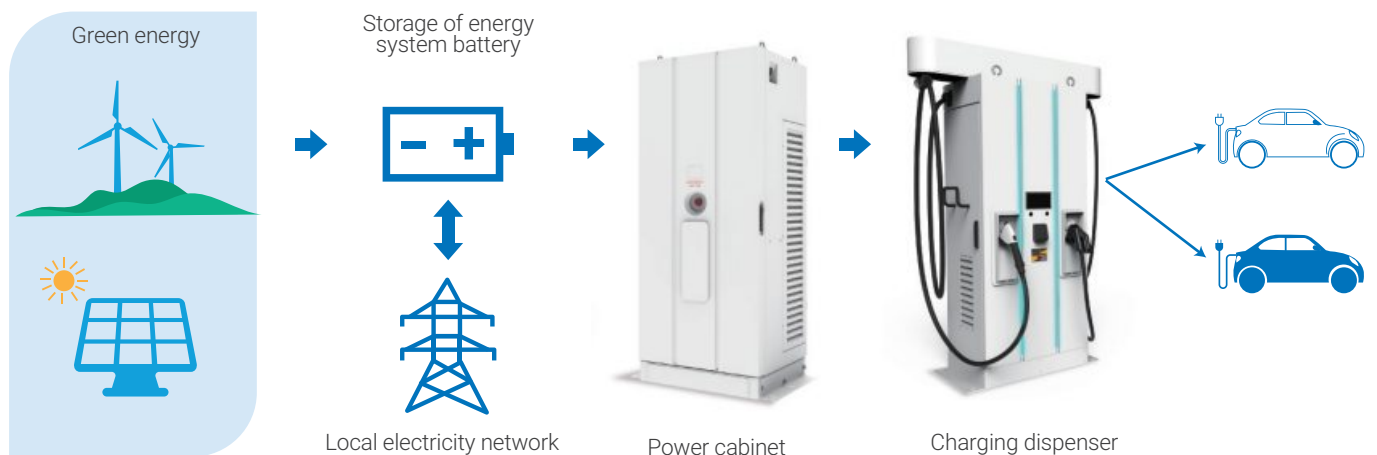
Model Name	CE -New DO 360 Power dispenser Series	UL -New DO 360 Power dispenser Series	
Safety	TBD		
Picture			
Power Specification			
AC Input	Input Rating	1Φ, 220 ~240 Vac (±15%)	1Φ, 277 Vac (+10%, -15%)
	AC Input Connection	3P+ N+ PE (Wye configuration)	3P+ N+ PE (Wye configuration)
	Max. Input Current	670A(CE)	549A(UL)
	Frequency	50Hz/60Hz	
	Power Factor	>0.99	
	Efficiency	>94%	
DC Output	Output Voltage Range	CCS2 -Dual output mode : 500A@150Vdc-360Vdc	CCS1 -Dual output mode : 500A@150Vdc-360Vdc
	Max. Output Current	CCS2 -Dual output mode : 500A@150Vdc-360Vdc	CCS1 -Dual output mode : 500A@150Vdc-360Vdc
	Max. Output Power	DC 360kW	
	Voltage Accuracy	±2%	
	Current Accuracy	±2%	
	User Interface & Control		
Display	21.5 inch touch screen		
Push Buttons	Operation Buttons/Emergency Stop Button		
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, Application, Mobile payment		
Communication			
External	Ethernet, Wi-Fi and 3G/4G		
Internal	CAN bus/ RS485		
Environmental			
Operating Temperature	-30° C~50° C, power derating from 50° C		
Humidity	5%~95% RH, non-condensing		
Altitude	≤2000m		
IP/IK Level	IP55, IK10	NEMA3R, IK10	
Cooling Method	Fan Cooling		
Mechanical			
Cabinet Dimension(W x D x H)	1400 x 800 x 1900mm ±1% (main cabinet), 592 x 450 x 2315mm ±1% (sub cabinet)		
Weight	≤ 1200 kg ±3% (main cabinet), ≤ 300kg ±3% (sub cabinet)		
Cable Length	liquid cooling charging gun Support 4.5m/6m , configuration of other guns is 5m/7m		
Protection			
Input Protection	OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD		
Regulation			
Certification	IEC 61851-1 , IEC 61851-23	UL 2202, UL2231	
Charging Interface	CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930		




DB180kW Energy Storage System Solution Used for DC Input & DC Output (Power Cabinet Only)

Features

-  Multi-Standard: CCS1, CCS2 Combo, GB/T and CHAdeMO
-  Ethernet, Wi-Fi and 3G/4G Communication
-  Efficiency > 94%
-  Customization Available, Easy Installation and Maintenance
-  OCPP 1.6 JSON (Upgradeable to 2.0)



Model Name	DB 180 Series
Safety	CE/CB (EU), cETLus (US/Canada)
Picture	

Power Specification

AC Input	Voltage Rating	1 Φ , 220 ~ 240Vac (\pm 15%)
	Input Current Rating	15Vac
	Electrical Distribution	1P + N + PE (Wye Configuration)
	Power Grid System	TN/TT
	Frequency	50/60Hz
DC Input	Voltage Rating	400 ~ 825Vdc
	Input Current Rating	Per PSU Max Current 100A
DC Output	Outputs	Terminals x2 Sets
	Max. Output Voltage and Current	*Single Output Mode: Output 1 or 2 @500A @150 - 360Vdc When Output Voltage is 950Vdc, the Output Current is 190A
	Simultaneous Output Mode	0%, 50%, 100% *When Used Simultaneously Each Connector Will Share 50% Output Power. When Charging is Finished or Only One Connector is Used, Then the Connector Will Be Able to Obtain 100% Output Power.
	Max. Output Power	180kW
	Voltage Accuracy	\pm 2%
	Current Accuracy	\pm 2%
	Efficiency	>94% (at full load)

User Interface & Control

Display	7" TFT-LCD
User Authentication	RFID: Supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System
Backend Support	OCPP 1.6 JSON (Upgradeable to 2.0)

Communication

External	Ethernet, Wi-Fi & 3G/4G
Internal	CAN Bus / RS485

Environmental

Operating Temperature	30°C ~ +50°C (-22°F ~ +122°F)
Storage Temperature	-40°C to 70°C (-40°F to +158°F)
Humidity	5%~95% RH, Non-Condensing
Altitude	\leq 2000m (6562ft)
IP/IK Level	IK10/IP55

Mechanical

Dimension(W x D x H)	800mm x 650mm x 1900mm (31.50in x 25.59in x 74.80in)
Weight	\leq 500 kg (1102lbs)
DC Output Interface	CHAdEMO V1.2, DIN 70121, ISO15118

Protection

Input Protection	OCP, OPP, SPD, UVP, OVP
Output Protection	CP, OVP, LVP, OTP, IMDOCP, SCP, OVP, LVP, OTP, IMD












180kW Power Rack DC Fast Charger

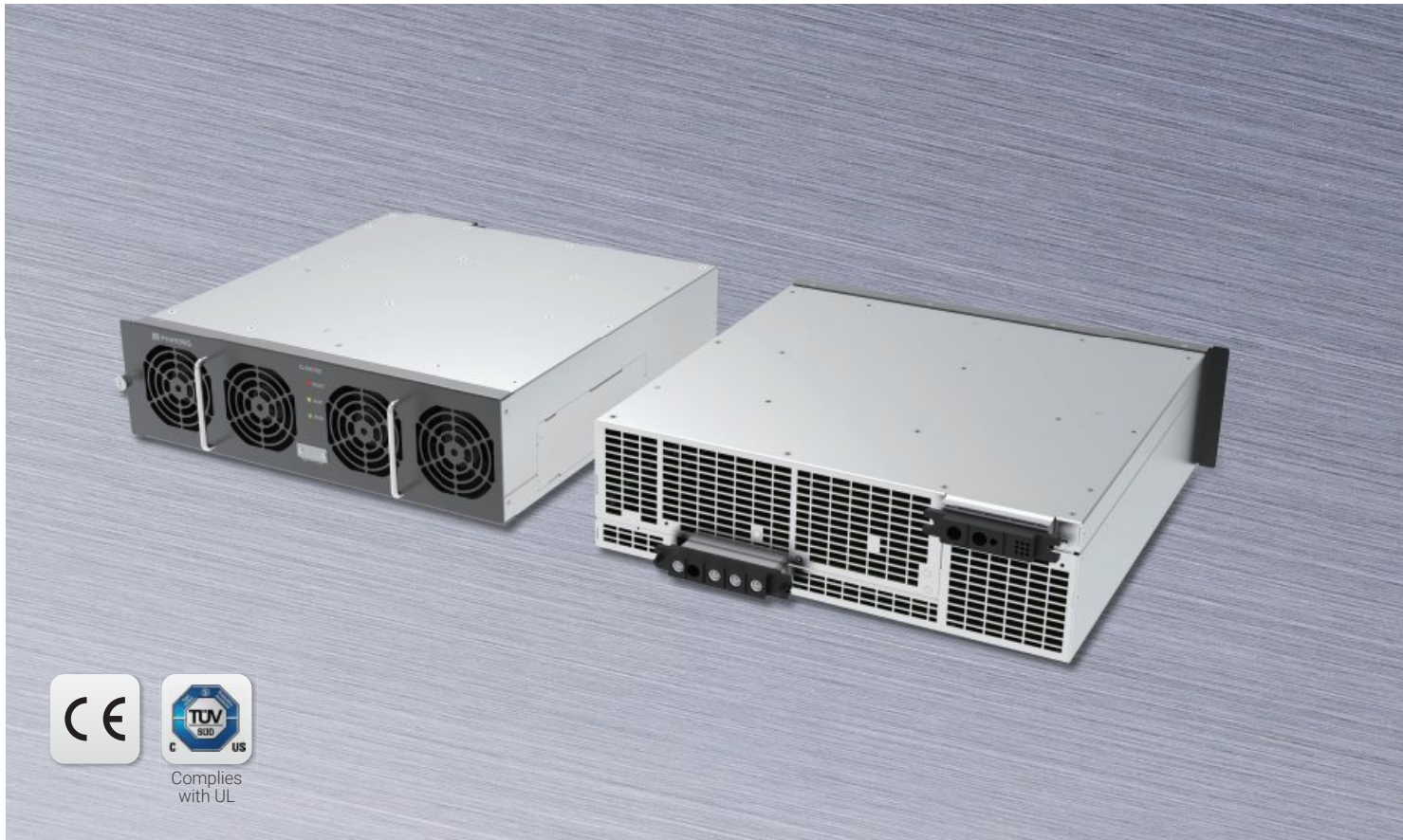
Applications

- Parking Garages
- Commercial Fleet Operators
- EV Dealer Workshops
- EV Infrastructure Operators and Service Providers

Feature

-  Multi-Standard: CCS, CHAdeMO and GB/T; Simultaneous DC Charging
-  Up to 500A Per Output
-  Network or Standalone Operation
-  Smart Charging and Load Balancing
-  Efficiency > 94%
-  PF > 0.99 (APFC)
-  Customization Available
-  OCPP 1.6 JSON (Upgradeable to 2.0)

Model Name		CE, DR 180 Power Rack	UL, DR 180 Power Rack
Safety		Evaluated At End Application	Evaluated At End Application
Picture			
Power Specification			
AC Input	Input Rating	3 Φ _380~415Vac (\pm 15%)	3 Φ _480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT/IT	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	360A	285A
	Frequency	50Hz/60Hz	
	Power Factor	>0.99	
	Efficiency	>94% (at optimize V/I point)	
DC Output	Output Voltage Range	CCS: 150~950Vdc GBT: 150~750Vdc CHAdEMO: 150~500Vdc	
	Max. Output Current	500A	
	Max. Output Power	DC 180kW	
	Voltage Accuracy	\pm 2%	
	Current Accuracy	\pm 2%	
Communication			
External		Ethernet, Wi-Fi & 4G	
Internal		CAN bus / RS485	
Environmental			
Operating Temperature		-30°C~50°C (-22°F ~ +122°F)	
Humidity		5%~95% RH, Non-Condensing	
Altitude		\leq 2000m (6562ft)	
Cooling Method		Fan Cooling	
Mechanical			
Cabinet Dimension(W x D x H)		960mm x 780mm x 1865 mm (37.79in x 30.71in x 73.43in) \pm 1%	
Weight		\leq 430kg (948lbs) \pm 3%	
Protection			
Input Protection		OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection		OCP, SCP, OVP, LVP, OTP, IMD	
Regulation			
Certification		IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL 2331
Charging Interface		CHAdEMO V1.2, DIN 70121, ISO15118, GB/T 27930	



30kW EV DC Charging Module


Applications

Optional devices

- Ready for CCS, CHAdeMO, GB/T System Integration.




Feature



- DC Charging Solution for Electric Vehicles
- Models with 150V~1000V Charging Voltage are Available
- Digital Controlled Power
- Active PFC to Achieve 0.99 Power Factor
- Complies with CCS and CHAdeMO, GB/T Standards
- Soft Start and Pre-Charging Function
- Power Input Side: Over/Under Voltage Protection, Surge Protection
- DC Output Side: Over/Under Voltage Protection, Over-Current Protection and Short-Circuit Protection
- Modular and Compact Design for Easy Maintenance

Model Name		G-1K0100
Safety	CE (Europe) NRTL – cTUVus (North America, complies with UL)	
Picture		
Power Specification		
AC Input	Input Rating	260~530Vac
	AC Input Connection	3L + PE
	Max. Input Current	60A
	Frequency	45~65Hz
	Power Factor	> 0.99
	Efficiency	≥ 95% @1000Vdc/50%~100% Load current, Max. Point ≥ 95.5%
	Standby Power	< 10W
DC Output	Output Voltage Range	150~1000Vdc
	Max. Output Current	0~100A
	Max. Output Power	30kW
Communication		
Internal	CAN bus, Max. 48 Power Modules in Parallel	
Environmental		
Operating Temperature	-40°C ~ +75°C (-40°F ~ +167°F)	
Humidity	≤ 95% RH, Non-Condensing	
Altitude	≤ 2000m (6562ft)	
IP Level	IP20	
Cooling Method	Forced Air	
Mechanical		
Dimension(W x D x H)	385mm x 395mm x 110 mm (15.16in x 15.55in x 4.33in)	
Weight	≤ 21Kg (46lbs)	
Protection		
Input Protection	OVP, OCP, OPP, OTP, UVP, Surge Protection	
Output Protection	SCP, OVP, OCP, OTP, UVP	
Electrical Insulation	Insulated DC Output & AC Input	
MTBF	MTBF > 300K hrs	
Regulation		
Certification	UL2202, IEC61851-1, IEC61851-23, IEC61851-21-2 Class B	

Accessories

Accessories	US/SAE Cable Hook	IEC/EURO Cable Hook	Pedestal for Multi-Charger
Photos			
Dimensions (LxWxH)	72mm x 55mm x 172mm (2.83in x 2.17in x 6.77in)	98mm x 62.5mm x 274mm (3.86in x 2.46in x 10.79in)	308mm x 271mm x 1571mm (12.13in x 10.67in x 61.85in)
Compatibility	SAE J1772	IEC 62196-2	AW Series

Accessories	Pedestal	Cable Management	
Photos			
Dimensions (LxWxH)	330mm x 210mm x 1500mm (12.99in x 8.27in x 59.06in)	330mm x 210mm x 2250mm (12.99in x 8.27in x 88.58in)	
Compatibility	AW, AX Series	AW Series	AX Series

Accessories	Pedestal (Lite)	5M Solution Cable Management	7M Solution Cable Management
Photos			
Dimensions (LxWxH)	930mm x 805mm x 1665mm (36.61in x 31.69in x 65.55in)	1282mm X 232mm X 195mm (50.47in x 9.13in x 7.68in)	1100mm X 1150mm X 684mm (43.31in x 45.28in x 26.93in)
Compatibility	DW30 Series	DS180 Series / DS150 Series DS120 Series / DS60 Series	DS180 Series / DS150 Series DS120 Series / DS60 Series DO/DD360 Series

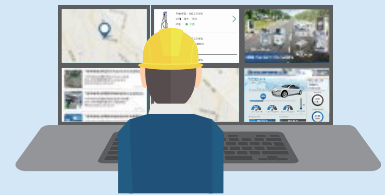
EV Charging Management Solution

Through the mobile app, users can search for charger locations, make charging reservations, and monitor charging status. The Human Interface (HMI) provides interactive charging operations and supports various payment methods. The cloud-based backend system can monitor individual overall EV charger status. It also allows EV charger updates remotely which facilitate the long-term maintenance and management of the charger. The back-end system also supports data statistics and reports for administrators to conduct analyses



Front End System

Back End System



Human Interface (HMI)

Mobile APP

Charging Station Operation

- Display of Charging Status
- Display of Battery SOC
- Remote Program Update

- Charging Appointments
- Search and Navigation to Chargers
- Monitoring of Charging Status

- Maintenance / Post-Sale Service
- Security & Surveillance
- Parking Management



Payment System Interface

- Charging Information for Payment

Charging Data

- Charging Data Acquisition and Analyses
- Software Updates