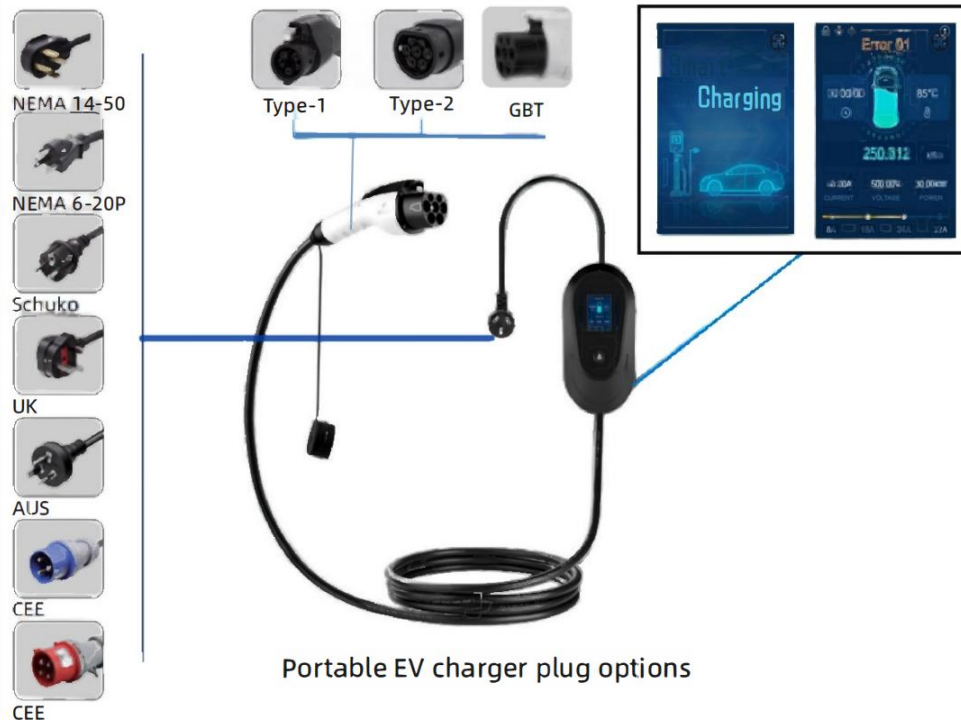


MODE 2 PortableEVCharger

——Traveller Series



Specification:

For the wall side plug: We can install the wall side plug according to different countries' situation:

AU Market----AU/NZ Plug

UK Market-----3Pin UK Plug

EU Market-----EU Schuko Plug, 32A Blue CEE Plug, Red CEE Plug etc

North American Market-----NEMA 6-50 Plug, NEMA10-50, NEMA 10-30, NEMA 14-30, NEMA 14-50 Plug

Other Market-----Japan Plug, South Africa Plug, Thailand Plug, Israel Plug, Denmark Plug etc.

Part Number	
Input Rating	AC110-230V±20%;
Output Power Rate	3.5KW/7KW
Protection	Ground detection, Short circuit C detection, Over-voltage and under-voltage protection function
User Interface & Control	
Display	2.4inch screen
Support Language	Chinese/English(Customisable languages)
User Authentication	Plug-and-charge
Network Interface	BT (Optional)
Enclosure Protection	IP55
(W x H x D)	234*132*44mm
Cable Length	5M (customized length)
Plug	Optional
Function	Single button to adjust the current/APP/BT
Current adjustable	8/16/24/32A (customized)
Light	RGB
Type Of Mounting	Wall-mounted/Portable
Color	Black
Warranty period	12 months
Operation temperature	-30℃~+55℃

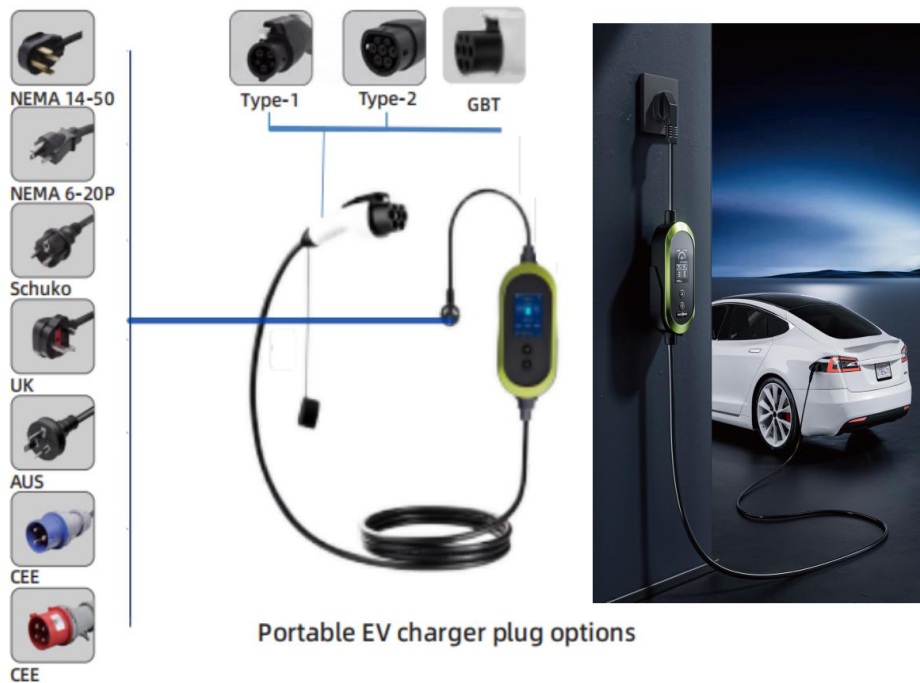
—FlexiCharge Series



NO.	Standard	Statement
1	IEC 61851-1:2017	Electric vehicle conductive charging system - Part 1: General requirements
2	IEC/EN 62752:2016	In-cable control and protection device for mode 2 charging of electric road vehicle (IC-CPD)
3	EN 62196-2:2017	Plugs, socket-outlets, vehicle connectors and vehicle inlets-Conductive charging of electric vehicles - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories
4	SAE-J1772-2017	SAE Electric Vehicle and Plug in Hybrid Electric Vehicle Conductive Charge Coupler

Part Number	
Input Rating	AC110-230V \pm 20%;
Output Power Rate	3.5KW/7KW
Protection	Ground detection, Short circuit C-detection, Over-voltage and under-voltage protection function
User Interface & Control	
Display	Indicator
Support Language	/
User Authentication	Plug-and-charge
Network Interface	BT (Optional)
Enclosure Protection	IP55
(W x H x D)	234*132*44mm
Cable Length	5M (customized length)
Plug	Optional
Function	Single button to adjust the current/APP/BT
Current adjustable	8/16/24/32A (customized)
Light	RGB
Type Of Mounting	Wall-mounted/Portable
Color	Black
Warrant period	12 months
Operation temperature	-30°C ~ +55°C

—OnTheGoPower Series

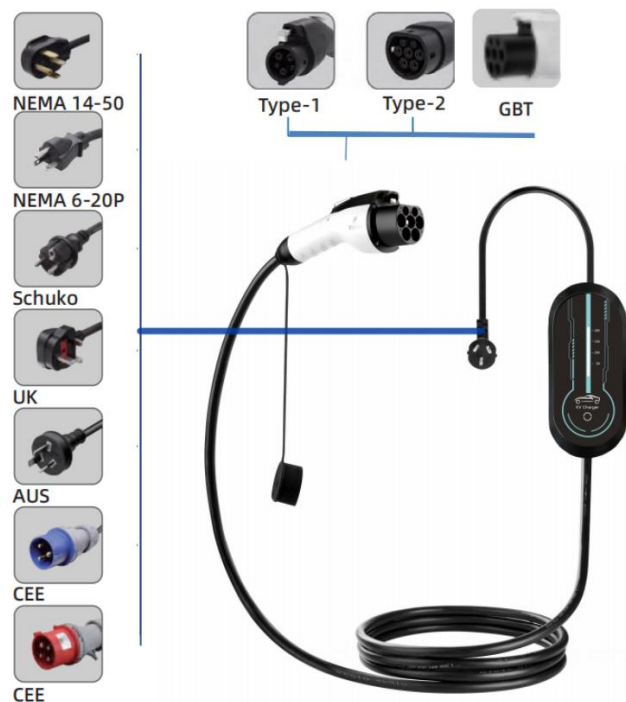


Portable EV charger plug options

NO.	Standard	Statement
1	IEC 61851-1:2017	Electric vehicle conductive charging system - Part 1: General requirements
2	IEC/EN 62752:2016	In-cable control and protection device for mode 2 charging of electric road vehicle (IC-CPD)
3	EN 62196-2:2017	Plugs, socket-outlets, vehicle connectors and vehicle inlets-Conductive charging of electric vehicles - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories
4	SAE-J1772-2017	SAE Electric Vehicle and Plug in Hybrid Electric Vehicle Conductive Charge Coupler

Part Number	
Input Rating	AC110-230V±20%;
Output Power Rate Protection	Ground detection、Short circuit C detection、Over-voltage and under-voltage protection function
User Interface & Control	
Display	2.4inch screen
Support Language	Chinese/English(Customisable languages)
User Authentication	Plug-and-charge
Network Interface	BT(Optional)
Enclosure Protection (W x H x D)	IP55
Cable Length	250*90*75mm
	5M (customized length)
Plug Function	Optional
Current adjustable	Dual button to adjust the current delay time/APP/BT
Light	8/16/24/32A (customized) RGB
Type Of Mounting	Wall-mounted/Portable
Color	Black/optional
Warrant period	12 months
Operation temperature	-30℃~+55℃

——PocketPowerStation Series



NO.	Standard	Statement
1	IEC 61851-1:2017	Electric vehicle conductive charging system - Part 1: General requirements
2	IEC/EN 62752:2016	In-cable control and protection device for mode 2 charging of electric road vehicle (IC-CPD)
3	EN 62196-2:2017	Plugs, socket-outlets, vehicle connectors and vehicle inlets-Conductive charging of electric vehicles - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories
4	SAE-J1772-2017	SAE Electric Vehicle and Plug in Hybrid Electric Vehicle Conductive Charge Coupler

Part Number	
Input Rating	AC110-230V±20%;
Output Power Rate	Ground detection、Short circuit Cdetction、 Over-voltage and under-voltage protection function
Protection	
User Interface & Control	
Display	Indicator
Support Language	/
User Authentication	Plug-and-charge
Network Interface	BT(Optional)
Enclosure Protection	IP55
(W x H x D)	250*90*75mm
Cable Length	5M (customized length)
Plug	
Function	Optional
Current adjustable	Single button to adjust the current/APP/BT
Light	8/16/24/32A (customized)
	RGB
Type Of Mounting	
Color	Wall-mounted/Portable
Warrant period	Black/optional
	12 months
Operation temperature	
	-30℃ ~+55℃

MODE 3 DARTH Vader Series



Product Model	
Product Size	290*190*90mm
Cable length	5m (Customizable length)
Ac input voltage	220V/380V
Ac input frequency	47 ~ 63Hz: 50Hz(type)
Output current	0-32A
Output power	0-22KW
Leakage detection type	A+6 LEeakage/CCID20
Reference standard	J1772/IEEC/GBT
Protection mechanism	When an overcurrent of 10% is detected, the power output terminates
Electrical protection	Ground detection、Short circuit Cdetection、 Over-voltage and under-voltage protection function
User interface	
Reveal	Indicator /4.3inch screen
Charging mode	plug and charge/RFID/BT
Network mode	4G\WIFI\Ethernet
Operation temperature	-30℃~+55℃
Warrant period	12 months
Color	Black/blue/grey/green/orange
Enclosure Protection	IP54

MODE 3 Colorsmart Series



About Customization



China	USA	Europe	Japan	Tesla
GB/T 20234	J1772	IEC62196	J1772	NACS

Product Model	
Product Size	290*190*90mm
Cable length	5m (Customizable length)
Ac input voltage	220V/380V
Ac input frequency	47 ~ 63Hz; 50Hz(type)
Output current	0-32A
Output power	0-22KW
Leakage detection type	A+6 LLeakage/CCID20
Reference standard	J1772/IEEC/GBT
Protection mechanism	When an overcurrent of 10% is detected, the power output terminates
Electrical protection	Ground detection、Short circuit Cdetection、Over-voltage and under-voltage protection function
User interface	
Reveal	Indicator /4.3inch screen
Charging mode	plug and charge/RFID/BT
Network mode	4GWIFI/Ethernet
Operation temperature	-30℃ ~+55℃
Warrant period	12 months
Color	Orange/white/purple
Enclosure Protection	IP54

MODE 3 Magician -Square Screen Series



About Customization



logo可定制在显示屏内
LOGO in the display



可定制铭牌标志
Product nameplate logo

Product Model	
Product Size	290*190*90mm
Cable length	5m (Customizable length)
Ac input voltage	220V/380V
Ac input frequency	47 ~ 63Hz: 50Hz(type)
Output current	0-32A
Output power	0-22KW
Leakage detection type	A+6 LEeakage/CCID20
Reference standard	J1772/IEEC/GBT
Protection mechanism	When an overcurrent of 10% is detected, the power output terminates
Electrical protection	Ground detection、Short circuit Cdetction、 Over-voltage and under-voltage protection function
User interface	
Reveal	Indicator /4.3inch screen
Charging mode	plug and charge/RFID/BT
Network mode	4G/WIFI/Ethernet
Operation temperature	-30℃~+55℃
Warrant period	12 months
Color	Black/blue/white/pink/red/grey/green
Enclosure Protection	IP65

DC Charger-20KW/30KW/40KW

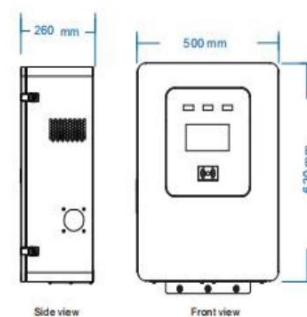


Product picture



Product introduction

DC Charger-20KW/30 KW/40 KW	
Power (KW)	20/30/40
Model Number	
Product Name	20~40 KW Wall-Mounted/Floor Mounted DC Charger
Input Voltage(V)	AC380V±15%
Output Voltage(V)	DC150-1000V
Max Input Current(A)	45.58
Max Output Current(A)	100.00
Voltage regulation accuracy	±0.5%
Steady current accuracy	±1.0%
Efficiency	≥95%
Power Factor	≥0.99
Frequency Range	45-65Hz
Harmonic content	≤5%
Shell Material	Sheet Metal
Dimension (W*D*H)	Wall Mounted :500*260*620 Floor Mounted:500*360*1770
Number of charging ports	1
Cable Length	5m (Customizable)
Application	Indoor/Outdoor
Working Temperature	-20°C +50°C
Storage Temperature	-40°C +70°C
Working humidity	5-95%
Working Altitude	<2000m
Degree of Protection	IP54
Cooling Way	Air Cooling
Charging method	Card, Scan App, VIN Code
Communication Interface	Standard CAN ,Ethernet, 4G, Wi-Fi (Optional)
Monitor Interface	OCPP1.6J(Optional)

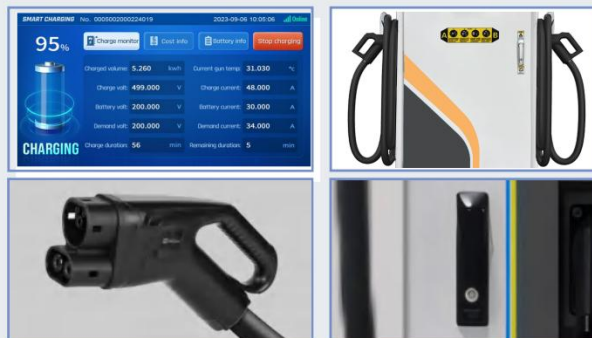


Charging Connector Standard				
	America	EU	Japan	China
DC	 CCS1	 CCS2	 CHAdeMO	 GB/T 20234.3

DC Charger-80/120/160/180/240KW Dual gun

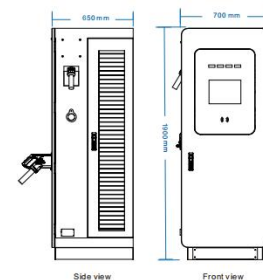


Product picture



Product introduction

MD-EU-60kW-1A, MD-EU-60kW-2B, MD-EU-60kW-2A	
Product category	80/120/160/180/240KW One machine with two connectors
Connector Standard	CCS1, CCS2, CHAdeMO, GB/T
AC input voltage range (V)	AC260V~AC485V 3 Phase 5 Wires(A+B+C+N+PE)
DC output voltage range (V)	DC150~1000V
Constant power output voltage range(V)	DC300~1000V
Output power	80/120/160/180/240KW
Max output current(A)	DC200A
Max output current for single plug (A)	DC200A
Frequency	55Hz±10%
Power factor	≥0.99
Efficiency (max)	≥95.0%
Current balance /unbalance	≤±5%
Protection	Input/output over/under voltage protection; Over current and short circuit protection; Over temperature protection; lightning protection
Operating temperature	-40°C ~ +70°C , Derating above 50°C
Humidity	5%~95% , non-condensing
Length of Charging Plug (m)	5
Degree of protection	IP54
Altitude	<2000m, Derating above 2000m
Dimension(W*D*H mm)	700*1900*650mm
Charger Module Number	2 PCS 30 KW Modules
Power Distribution Mode	Simultaneously/Independently
Charging Mode	Auto basis , Time basis , Amount basis , Energy basis , SOC basis
Charging connector configuration	2 CCS /2GB/T /1 CCS+1 CHAdeMO / 1 CCS+1 GB/T (Optional)
Monitor Interface	OCPP1.6J
Communication Interface	Standard CAN ,Ethernet, 4G, Wi-Fi
Charging Method	RFID Card, Scan Code, APP
Product Introduction	<ol style="list-style-type: none"> 1. Friendly visual interface, various information display, prompt information, IC card information, etc. 2. Power Collection System and Cost Measurement System provide money-making consumption records that can be paid through IC cards, WeChat, etc. 3. When an electric car is charged, the battery is filled with automatic stops 4. When overvoltage, undervoltage, short circuit, leakage and connection failure occur, charging will stop automatically and an indicator light will give an alarm 5. Industrial grade design, good temperature adaptability, long service life, protection grade IP54 6. Production mode of whole industry chain charging piles to ensure reliability of hardware



Charging Connector Standard				
	America	EU	Japan	China
DC	 CCS1	 CCS2	 CHAdeMO	 GB/T 20234.3

DC Charger-180/ 240KW



Product picture



Product introduction

DC Charger-180/ 240KW		
Product category	90KW Integrated one machine with two connectors	120KW Integrated one machine with two connectors
Model number		
Dimension (H x W x D) (mm)	1800*800*700	
Display method	7 Inch color touch screen	
AC input voltage range (V)	380±15%、3 phases+N+PE	
Frequency range (Hz)	50±5Hz	
Power factor	≥0.99	
Current harmonics (THDI)	≤5%	
System Efficiency	≥95%	
Output voltage range (V)	200-1000Vdc	
Constant power output voltage range(V)	300-1000Vdc	
Output power (KW)	180	240
Max output current for single plug (A)	250	250
Charging port (PCS)	2	2
Length of charging plug (m)	5	
Sound Noise (dB)	<65	
Altitude (m)	≤2000	
Operating temperature (°C)	-20 ~ 50	
Storage temperature (°C)	-40 ~ 70	
Average relative humidity	5%~95%	
Protective function	Lightning Protection , Overload Protection , Short Circuit over Temperature Protection , Leakage Protection , emergency stop protection , etc.	
Charging Mode	Auto basis , Time basis , Amount basis , Energy basis , SOC basis	
Charging method	RFID Card, Scan Code, App	
Communication Interface	4G, Wi-Fi, Standard CAN, Ethernet, RS485, RS232, GPRS	
Degree of protection	Outdoor IP54	
Monitor Interface	OCPP1.6J	
Power Distribution Mode	Simultaneously/Independently	
Product Introduction	<ol style="list-style-type: none"> 1. Friendly visual interface, various information display, prompt information, IC card information, etc. 2. Power Collection System and Cost Measurement System provide money-making consumption records that can be paid through IC cards, WeChat, etc. 3. When an electric car is charged, the battery is filled with automatic stops 4. When overvoltage, undervoltage, short circuit, leakage and connection failure occur, charging will stop automatically and an indicator light will give an alarm 5. Industrial grade design, good temperature adaptability, long service life, protection grade IP54 6. Production mode of whole industry chain charging piles to ensure reliability of hardware 	