



Manufacturing Green Products
Light Up Future Life



Shanghai Mida EV Power Co.,Ltd.
Shenzhen Mida EV Power Co.,Ltd.

No.50 of Maoyuan Road,,Fengxian District Shanghai 201499,China.Michael Hu
+86-18221956895
sales@midapower.com
www.midapower.com www.midaevse.com



Shanghai Mida EV Power Co.,Ltd.
Shenzhen Mida EV Power Co.,Ltd.

Company Profile

Shanghai Mida Cable Group Limited wholly owned subsidiary Shanghai Mida EV Power Co., Ltd. and Shenzhen Mida EV Power Co.,Ltd.Shanghai Mida New Energy Co.,Ltd. Wuxi Mida New Energy Co.,Ltd.are a manufacturer of new energy electric vehicle charging products, including all kinds of Portable EV Charger, Home EV Wallbox,DC Charger Station, EV Charging Module and EV Accessories. All of our products get the TUV,UL,ETL,CB,UKCA and CE Certificate. MIDA focuses on providing customers with professional charging Products that is safe, more efficient and more stable. MIDA's EV products are oriented to the household and commercial markets in the EV charging field. We often provide OEM and ODM for our customer, our products is popular in Europe,Americia, Asia etc.

Mida Group constantly strive to adhere to our business philosophy of "quality is the soul, the principle of good faith, Innovation leads the future ". In order to establish a long-term relationship with all of our customers, we will offer a competitive price, high quantity products and a good after-sales-service and we will improve our competitiveness and achieve a win-win situation for us as well as our clients. We are looking forward to cooperating with you.

Achievement and Qualification



Product Catalog

1. AC EV Plug & EV Socket	01-02
2. DC Charger Connector & Socket	03-06
3. EV Extension Cable	07
4. EV Charging Cable	08
5. Adjustable EV Charger	09
6. Level 2 EV Charger	10-15
7. EV Charger Station.....	16-19
8. EV Adapter.....	20
9. EV Accessories.....	21
10. EV Plug Holder.....	22



AC EV Charger Connector



Type 1 EV Plug (SAE J1772)



Type 2 Female EV Plug



Type 2 Male EV Plug

Product Feature

Meet SAE J1772-2010 Standard and IEC 62196-2 Standard
Nice appearance, hand-held ergonomic design, easy plug
Thermoplastic, Flame Retardant Grade UL94 V-0
Terminal Material: Copper Alloy Silver Plating
TUV, UL & CE Certificate

Mechanical Life no-load plug in/pull out > 10000 times
Excellent protection performance, protection grade IP54
Can afford 1m drop and 2t vehicle run over pressure Impact Force:
Reliability of materials, antflaming, pressure-resistant, abrasion resistance, impact resistance and high oil

Electrical Performance

Item	Type 1 J1772 EV Plug	Type 2 Female EV Plug	Type 2 Male EV Plug
Standard	SAE J1772-2010	IEC 62196-2	IEC 62196-2
Product Model	MIDA-EVA-16A MIDA-EVA-32A MIDA-EVA-40A MIDA-EVA-48A	MD-EVF-16AS MD-EVF-16AT MD-EVF-32AS MD-EVF-32AT	MD-EVM-16AS MD-EVM-32AS MD-EVM-16AT MD-EVM-32AT
Rated Current	16A, 32A, 40A, 48A, 80A	16A, 32A, 63A (Single/Three Phase)	16A, 32A (Single / Three Phase)
Operation Voltage	AC 120V / AC 240V	AC 250V / AC 480V	AC 250V / AC 480V
Insulation Resistance	> 1000MΩ (DC 500V)	> 1000MΩ (DC 500V)	> 1000MΩ (DC 500V)
Withstand Voltage	2000V	2000V	2000V
Contact Resistance	0.5mΩ Max	0.5mΩ Max	0.5mΩ Max
Terminal Temperature Rise	< 50K	< 50K	< 50K
Operating Temperature	-30° C~+50° C	-30° C~+50° C	-30° C~+50° C
Coupled Insertion Force	>45N<80N	>45N<80N	>45N<80N
Impact Insertion Force	>300N	>300N	>300N
Waterproof Degree	IP55	IP55	IP55
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0
Certification	TUV, CE UL Approved	TUV, CE Approved	TUV, CE Approved

AC EV Charger Socket



Type 1 EV Socket



Type 2 Male EV Socket



Type 2 Female EV Socket

Product Feature

Meet SAE J1772-2010 Standard and IEC 62196-2 Standard
Nice appearance, hand-held ergonomic design, easy plug
Thermoplastic, Flame Retardant Grade UL94 V-0
Terminal Material: Copper Alloy Silver Plating
TUV, UL & CE Certificate

Mechanical Life no-load plug in/pull out > 10000 times
Excellent protection performance, protection grade IP54
Can afford 1m drop and 2t vehicle run over pressure Impact Force:
Reliability of materials, antflaming, pressure-resistant, abrasion resistance, impact resistance and high oil

Electrical Performance

Item	Type 1 EV Socket	Type 2 Male Inlet Socket	Type 2 Female Outlet Socket
Standard	SAE J1772-2010	IEC 62196-2	IEC 62196-2
Product Model	MIDA-EVAS-16A , MIDA-EVAS-32A MIDA-EVAS-40A , MIDA-EVAS-50A	MIDA-EVMS-16A-SP MIDA-EVMS-16A-TP MIDA-EVMS-32A-SP MIDA-EVMS-32A-TP	MIDA-EVFS-16A-SP MIDA-EVFS-16A-TP MIDA-EVFS-32A-SP MIDA-EVFS-32A-TP
Rated current	16A, 32A, 40A, 50A, 80A	16A, 32A, 50A	16A , 32A, 63A
Operation Voltage	AC 120V / 240V	AC 250V / 480V	AC 250V / 480V
Insulation Resistance	> 1000MΩ (DC 500V)	> 1000MΩ (DC 500V)	> 1000MΩ (DC 500V)
Withstand Voltage	2000V	2000V	2000V
Contact Resistance	0.5mΩ Max	0.5mΩ Max	0.5mΩ Max
Terminal Temperature Rise	< 50K	< 50K	< 50K
Operating Temperature	-30° C~+50° C	-30° C~+50° C	-30° C~+50° C
Coupled Insertion Force	>45N<80N	>45N<80N	>45N<80N
Impact Insertion Force	>300N	>300N	>300N
Waterproof Degree	IP54	IP54	IP54
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0
Certification	UL, CE Approved	TUV, CE Approved	TUV, CE Approved

DC EV Charger Connector



CCS Combo 1 EV Plug



CCS Combo 2 EV Plug



CHAdeMO EV Plug

Product Feature

Meet IEC 62196-3 : 2014

Nice appearance, hand-held ergonomic design, easy plug

Case Material: Thermoplastic, Flame Retardant Grade UL94 V-0

Terminal Material: Copper Alloy, Silver Plating

Product entire insertion and extraction force < 100N

Mechanical Life no-load plug in/pull out > 10000 times

Housing Massive structure promote protection performance

Impact Force: Can afford 1m drop and 2t vehicle run over pressure

Reliability of materials, antflaming, pressure-resistant, abrasion resistance, impact resistance and high oil

Electrical Performance

Item	CCS Combo 1 EV Plug	CCS Combo 2 EV Plug	CHAdeMO EV Plug
Standard	IEC 62196-3	IEC 62196-3	IEC 62196-3 : 2014
Product Model	MIDA-CCS1-EV80P MIDA-CCS1-EV125P MIDA-CCS1-EV150P MIDA-CCS1-EV200P MIDA-CCS1-EV250P	MIDA-CCS2-EV80P MIDA-CCS2-EV125P MIDA-CCS2-EV150P MIDA-CCS2-EV200P MIDA-CCS2-EV250P MIDA-CCS2-EV300P MIDA-CCS2-EV350P	MIDA-CAM-EV80P MIDA-CAM-EV125P MIDA-CAM-EV150P MIDA-CAM-EV200P
Rated Current	60A, 80A, 125A, 150A, 200A, 250A	60A, 80A, 125A, 150A, 200A, 250A, 300A, 350A	80A, 125A, 150A, 200A
Operation Voltage	DC 1000V	DC 1000V	DC 1000V Max
DC Max Charging Power	250KW	350KW	200KW
Insulation Resistance	> 2000MΩ (DC 1000V)	> 2000MΩ (DC 1000V)	100MΩ or (DC 500V)
Withstand Voltage	3200V	3200V	3200V
Contact Resistance	0.5mΩ Max	0.5mΩ Max	0.5mΩ Max
Terminal Temperature Rise	< 50K	< 50K	< 50K
Operating Temperature	-30° C~+50° C	-30° C~+50° C	-30° C~+45° C
Impact Insertion Force	>300N	>300N	>300N
Protection Degree	IP54	IP55	IP54
Flame Retardant Grade	F1 per UL 746C	UL94 V-0	UL94 V-0
Certification	UL, CE Approved	TUV, CE Approved	CE Approved

DC EV Charger Socket



CCS Combo 1 Inlet Socket



CCS Combo 2 Inlet Socket



CHAdeMO Inlet Socket

Product Feature

Meet IEC 62196-3 : 2014

Nice appearance, Support Back installation

Contact with drainage structure, improve safety performance

Case Material: Thermoplastic, Flame Retardant Grade UL94 V-0

Terminal Material: Copper Alloy, Silver Plating+thermoplastic on the top

Mechanical Life no-load plug in/pull out > 10000 times

Housing Massive structure promote protection performance

Impact Force: Can afford 1m drop and 2t vehicle run over pressure

Safety pins material insulated head design to prevent accidental direct contact with employee

Electrical Performance

Item	CCS Combo 1 Inlet Socket	CCS Combo 2 Inlet Socket	CHAdeMO Inlet Socket
Standard	IEC 62196-3	IEC 62196-3	IEC 62196-3
Product Model	MIDA-CCS1-EV80S MIDA-CCS1-EV125S MIDA-CCS1-EV150S MIDA-CCS1-EV200S MIDA-CCS1-EV350S MIDA-CCS1-EV500S	MIDA-CCS2-EV80S MIDA-CCS2-EV125S MIDA-CCS2-EV150S MIDA-CCS2-EV200S MIDA-CCS2-EV300S MIDA-CCS2-EV350S MIDA-CCS2-EV500S	MIDA-CAM-EV125S MIDA-CAM-EV150S MIDA-CAM-EV200S
Rated Current	80A,125A,150A,200A,350A,500A	80A,125A,150A,200A,300A,350A,500A	125A, 150A, 200A
Operation Voltage	DC 1000V	DC 1000V	DC 1000V Max
DC Max Charging Power	500KW	500KW	200KW
AC Max Charging Power	41.5 KW	41.5 KW	43 KW
Insulation Resistance	> 2000MΩ (DC 1000V)	> 2000MΩ (DC 1000V)	> 2000MΩ (DC 1000V)
Withstand Voltage	3200V	3200V	3200V
Contact Resistance	0.5mΩ Max	0.5mΩ Max	0.5mΩ Max
Terminal Temperature Rise	< 50K	< 50K	< 50K
Operating Temperature	-30° C~+50° C	-30° C~+50° C	-60° C~+45° C
Impact Insertion Force	>300N	>300N	>300N
Protection Degree	IP55	IP55	IP55
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0
Certification	CE, UL Approved	CE Approved	CE Approved

DC Charger Connector & Socket



Tesla NACS Connector



GB/T DC Charger Connector



GB/T DC Charger Socket

Product Feature

Meet GB/T 20345.2-2015 Standard

Nice appearance, hand-held ergonomic design, easy plug

Case Material: Thermoplastic, Flame Retardant Grade UL94 V-0

Terminal Material: Copper Alloy, Silver Plating

Product entire insertion and extraction force < 100N

Mechanical Life no-load plug in/pull out > 10000 times

Housing Massive structure promote protection performance

Impact Force: Can afford 1m drop and 2t vehicle run over pressure

Reliability of materials, antilflaming, pressure-resistant, abrasion resistance, impact resistance and high oil

Electrical Performance

Item	Tesla NACS Connector	GB/T DC Charger Connector	GB/T DC Charger Socket
Standard	UL2251	GB/T 20234.3-2015	GB/T 20234.3-2015
Product Mode	MD-TSA-EV80A MD-TSA-EV125A MD-TSA-EV200A MD-TSA-EV250A MD-TSA-EV350A MD-TSA-EV400A	MIDA-GBT-EV80P MIDA-GBT-EV125P MIDA-GBT-EV150P MIDA-GBT-EV200P MIDA-GBT-EV250P	MIDA-GBT-EV80S MIDA-GBT-EV125S MIDA-GBT-EV200S MIDA-GBT-EV250S
Rated Current	80A, 125A, 200A, 250A, 350A, 400A	80A, 125A, 150A, 200A, 250A	80A, 125A, 200A, 250A,
Operation Voltage	1000V	750V/1000V DC	750V/1000V DC
Insulation Resistance	> 2000MΩ (DC 500V)	> 2000MΩ (DC 500V)	> 2000MΩ (DC 500V)
Withstand Voltage	2500V	3500V	3500V
Contact Resistance	0.5mΩ Max	0.5mΩ Max	0.5mΩ Max
Terminal Temperature Rise	< 50K	< 50K	< 50K
Operating Temperature	-40° C~+50° C	-30° C~+50° C	-40° C~+45° C
Impact Insertion Force	>300N	>300N	>300N
Protection Degree	IP67	IP55	IP55
Flame Retardant Grade	F1 per UL 746C	UL94 V-0	UL94 V-0
Certification	UL Approved	CE, CQC Approved	CE, CQC Approved

HPC Liquid-cooled Charging Connector



HPC CCS 1 Connector



HPC CCS 2 Connector



Chaoji Connector

Electrical Performance

Item	HPC CCS 1 Connector	HPC CCS 2 Connector	Chaoji Connector
Product Model	MIDA-CCS1-EV500P	MIDA-CCS2-EV500P	MIDA-CHAOJI-EV600P
Standard	IEC 62196-3-1	IEC 62196-3-1	IEC PAS 63454 ED1
Rated Voltage	DC 1000V	DC 1000V	DC 1500V
Rated Current	500A Max	500A Max	600A Max
Power	500kW Max	500kW Max	900kW Max
Withstand Voltage	3500V AC / 1min	3500V AC / 1min	3500V AC / 1min
Temperature Sensor	PT 1000	PT 1000	PT 1000
Cable bending radius	≤ 300mm	≤ 280mm	≤ 300mm
Terminal Material	Copper Alloy, Silver Plating		
Operating Temperature	-30° C~+50° C	-30° C~+50° C	-30° C~+50° C
Flame Retardant Grade	UL 94V- 0	UL 94V- 0	UL 94V- 0
Max. temperature of coolant	+80° C	+90° C	+90° C
Power consumption of the conductor	1.55KW (6m, 500A)	1.3KW (5m, 500A)	1.8KW (5m, 600A)
Pressure of liquid cooling system	0.7MPa Max	0.8MPa Max	0.7MPa Max
Cooling device size	415mm*494mm*200mm (W*H*L)	415mm*494mm*200mm (W*H*L)	415mm*494mm*200mm (W*H*L)
Protection(Cooling device)	Pump&Fan:IP54/Device no protection	Pump&Fan:IP54/Device no protection	IP55 (plugged state)
Cooling device rated votage	24V DC	24V DC	24V DC
Cooling device rated current	12A	12A	12A
Cooling device rated power	288W	288W	288W
Cooling device noise	≤ 58dB	≤ 58dB	≤ 58dB
Cooling device weight	20kg	20kg	16kg
Coolant flash point	>200 °C	>200 °C	>200 °C
Coolant	Silicon Oil	Silicon Oil	Silicon Oil
Certification	CE Approved	CE Approved	CE Approved

EV Extension Cable



MIDA-EVA-16AP, MIDA-EVA-32AP
MIDA-EVA-40AP, MIDA-EVA-50AP



MD-EVF-16AS, MD-EVF-32AS
MD-EVF-16AT, MD-EVF-32AT



MD-TSA-16A, MD-TSA-32A
MD-TSA-40A, MD-TSA-48A

Electrical Performance

Item	Type 1 J1772 Plug With EV Cable	Type 2 Female Plug with EV Cable	Tesla Plug with EV Cable
Standard	SAE J1772-2010	IEC 62196-2 : 2017	UL2251
Product Model	MIDA-EVA-16AP, MIDA-EVA-32AP MIDA-EVA-40AP, MIDA-EVA-50AP MIDA-EVA-80AP	MD-EVF-16AS, MD-EVF-32AS MD-EVF-16AT, MD-EVF-32AT	MD-TSA-16A, MD-TSA-32A MD-TSA-40A, MD-TSA-48A
Rated Current	16A / 32A / 40A / 50A / 80A	16A / 32A / 63A	16A / 32A / 40A / 48A
Operation Voltage	AC 120V / AC 240V	AC 250V / AC 480V	AC 240 / DC 500V
Insulation Resistance	> 1000MΩ (DC 500V)		
Withstand Voltage	2000V		
Pin Material	Copper Alloy, Silver Plating		
Shell Material	Thermoplastic, Flame Retardant Grade UL94 V-0		
Mechanical Life	No-Load Plug In / Pull Out > 10000 Times		
Contact Resistance	0.5mΩ Max		
Terminal Rise	< 50K		
Operating Temperature	-30° C~+50° C		
Impact Insertion Force	>300N		
Waterproof Degree	IP55 (Tesla IP67)		
Cable Color	Black, Orange, Green, Blue etc.		
Cable Length	(5Meter, 10Meter) The length of the cable can be customized		
Cable Protection	Reliability of materials, antiflaming, pressure-resistant, abrasion resistance impact resistance and high oil		
Certification	UL, TUV, CE Approved		

Mode 3 EV Charging Cable



Type 1 to Type 2



Type 2 to Type 2

Product Feature

Item	Type 1 to Type 2 EV Charging Cable	Type 2 to Type 2 EV Charging Cable
Standard	SAE J1772-2010 to IEC 62196-2	IEC 62196-2 : 2017
Product Model	MD-AM-16A, MD-AM-32A	MD-FM-16AS, MD-FM-32AS MD-FM-16AT, MD-FM-32AT
Rated Current	16Amp, 32Amp	16Amp, 32Amp
Operation Voltage	AC 250V	AC 250V / 480V
Insulation Resistance	> 1000MΩ (DC 500V)	
Withstand Voltage	2000V	
Pin Material	Copper Alloy, Silver Plating	
Shell Material	Thermoplastic,Flame Retardant Grade UL94 V-0	
Mechanical Life	No-Load Plug In / Pull Out > 10000 Times	
Contact Resistance	0.5mΩ Max	
Terminal Temperature Rise	< 50K	
Operating Temperature	-30° C~+50° C	
Impact Insertion Force	>300N	
Waterproof Degree	IP55	
Cable Protection	Reliability of materials,antiflaming,presure-resistant, abrasion resistance,impact resistance and high oil	
Certification	TUV, UL, CE, UKCA Approved	

Model	Rated Current	Phase	Cable Specification	Cable Color	Cable Length
MD-AM-16A	16A	1Phase	3 X 2.5mm ² + 1 X 0.5mm ²	Black Orange Green	(5Meter ,10Meter) The length of the cable can be customized
MD-AM-32A	32A		3 X 6.0mm ² +1 X 0.5mm ²		
MD-FM-16AS	16A	1Phase	3 X 2.5mm ² + 1 X 0.5mm ²		
MD-FM-32AS	32A		3 X 6.0mm ² +1 X 0.5mm ²		
MD-FM-16AT	16A	3Phase	5 X 2.5mm ² + 1 X 0.5mm ²		
MD-FM-32AT	32A		5 X 6.0mm ² +1 X 0.5mm ²		

Adjustable EV Charger 2.0



MD-PA-10S
MD-PA-16S
MD-PA-32S



MD-GBT-10S
MD-GBT-16S
MD-GBT-32S



MD-PE-10S
MD-PE-16S
MD-PE-32S

Specification:

For the wall side plug: We can install the wall side plug according 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, Demark Plug etc.

Electrical Performance

Item	Adjustable EV Charger 2.0 (Adjustable Current)		
Product Model	MD-PA-10S MD-PA-16S MD-PA-32S	MD-GBT-10S MD-GBT-16S MD-GBT-32S	MD-PE-10S MD-PE-16S MD-PE-32S
Rated Current	6A / 8A / 10A 6A / 8A / 10A / 13A 6A / 8A / 10A / 13A / 16A 10A / 16A / 20A / 24A / 32A		
Operation Voltage	AC 110V-250 V		
Rate Frequency	50Hz / 60Hz		
Leakage Protection	Type A RCD or Type A RCD+DC 6mA (Optional)		
Withstand Voltage	2000V		
Contact Resistance	0.5mΩ Max		
Shell Material	PC Material		
Flame Retardant Grade	UL94 V-0		
Operating Temperature	-25° C ~ +55° C		
Storage Temperature	-40° C ~ +80° C		
Waterproof Protection	IP67 (Outdoor or Indoor)		
EV Control Box Size	200mm (L) X 93mm (W) X 51.5mm (H)		
LCD Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Charging Power Delay Time		
New Function	Delayed Charging + Current Switching		
Standard	IEC 62752, IEC 61851, NB / T 42077-2016		
Certification	TUV, CE, UKCA Approved		
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection		

Mode 2 Adjustable EV Charger



MD-PA-10H, MD-PA-13H
MD-PA-16H, MD-PA-32H



MD-PE-10H, MD-PE-13H
MD-PE-16H, MD-PE-32H



MD-TSA-16H, MD-TSA-32H

Specification:

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

AU Market-----AU/NZ Plug

UK Market-----3Pin UK Plug

EU Market-----EU Schuko Plug, Blue CEE Plug, Red CEE Plug etc.

North American Market-----NEMA 5-15, 6-15, 6-20, 10-30, 6-50, 10-50, 14-30, 14-50 Plug etc.

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

Electrical Performance

Item	Mode 2 EV Charger Cable (Adjustable or Fixed Current)	
Rated Current	6A / 8A / 10A 6A / 8A / 10A / 13A 6A / 8A / 10A / 13A / 16A 10A / 16A / 20A / 24A / 32A	
Operation Voltage	AC 110V-250 V	
Rate Frequency	50Hz / 60Hz	
Leakage Protection	Type A RCD or Type A RCD + DC 6mA (Optional)	
Withstand Voltage	2000V	
Contact Resistance	0.5mΩ Max	
Shell Material	PC Material	
Flame Retardant Grade	UL94 V-0	
Operating Temperature	-25° C ~ +55° C	
Storage Temperature	-40° C ~ +80° C	
Waterproof Protection	IP67 (Outdoor or Indoor)	
EV Control Box Size	200mm(L) x 93mm(W) x 52mm(H)	
LCD Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Charging Power Delay Time	
New Function	Delayed Charging + Current Switching + with APP	
Standard	IEC 62752, IEC 61851	
Certification	TUV, UL, CE, UKCA Approved	
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection	

Level 2 Adjusatable EV Charger



MD-PA-10A, MD-PA-16A
MD-PA-32A, MD-PA-40A



MD-PE-10A, MD-PE-13A
MD-PE-16A, MD-PE-32A



MD-PA-10B, MD-PA-16B
MD-PA-32B, MD-PA-40B



MD-PE-8B, MD-PE-10B
MD-PE-16B, MD-PE-32B

Specification:

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

AU Market-----AU/NZ Plug

UK Market-----3Pin UK Plug

EU Market-----EU Schuko Plug , Blue CEE Plug ,Red CEE Plug etc.

North American Market-----NEMA 5-15, 6-15, 6-20, 10-30, 6-50, 10-50, 14-30, 14-50 Plug etc.

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

Electrical Performance

Item	Level 2 Portable EV Charger (Adjustable Current)
Rated Current	6A / 8A / 10A 6A / 8A / 10A / 13A 6A / 8A / 10A / 13A / 16A 10A / 16A / 20A / 24A / 32A 16A / 20A / 24A / 32A / 40A
Operation Voltage	AC 110V-250 V
Rate Frequency	50Hz / 60Hz
Leakage Protection	Type A RCD or Type A RCD+DC 6mA (Optional)
Withstand Voltage	2000V
Contact Resistance	0.5mΩ Max
Shell Material	PC Material
Flame Retardant Grade	UL94 V-0
Operating Temperature	-25° C ~ +55° C
Storage Temperature	-40° C ~ +80° C
Waterproof Protection	IP67 (Outdoor or Indoor)
EV Control Box Size	220mm (L) X 100mm (W) X 56mm (H)
LCD Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Charging Power Delay Time
New Function	Delayed Charging + Current Switching + with APP
Standard	IEC 62752, IEC 61851
Certification	TUV, UL, CE, UKCA Approved
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection

Mode 2 Adjusatable EV Charger



MD-PA-10M, MD-PA-16M
MD-PA-32M, MD-PA-40M



MD-PE-10M, MD-PE-13M
MD-PE-16M, MD-PE-32M



MD-PA-10K, MD-PA-16K
MD-PA-32K, MD-PA-40K



MD-PE-10K, MD-PE-13K
MD-PE-16K, MD-PE-32K

Specification:

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

AU Market-----AU/NZ Plug

UK Market-----3Pin UK Plug

EU Market-----EU Schuko Plug, Blue CEE Plug, Red CEE Plug etc.

North American Market-----NEMA 5-15, 6-15, 6-20, 10-30, 6-50, 10-50, 14-30, 14-50 Plug etc.

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

Electrical Performance

Item	Mode 2 EV Charger Cable (Adjustable or Fixed Current)
Rated Current	6A / 8A / 10A 6A / 8A / 10A / 13A 6A / 8A / 10A / 13A / 16A 10A / 16A / 20A / 24A / 32A 16A / 20A / 24A / 32A / 40A
Operation Voltage	AC 110V-250 V
Rate Frequency	50Hz / 60Hz
Leakage Protection	Type A RCD or Type A RCD+DC 6mA (Optional)
Withstand Voltage	2000V
Contact Resistance	0.5mΩ Max
Shell Material	PC Material
Flame Retardant Grade	UL94 V-0
Operating Temperature	-25° C ~ +55° C
Storage Temperature	-40° C ~ +80° C
Waterproof Protection	IP67 (Outdoor or Indoor)
EV Control Box Size	220mm (L) X 100mm (W) X 58mm (H)
LCD Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Charging Power Delay Time
New Function	Delayed Charging + Current Switching + with APP
Standard	IEC 62752, IEC 61851
Certification	TUV, UL, CE, UKCA Approved
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection

Level 2 Adjustable EV Charger with APP



MD-PA-10F, MD-PA-16F
MD-PA-32F, MD-PA-40F



MD-PE-10F, MD-PE-13F
MD-PE-16F, MD-PE-32F



MD-TSA-16F, MD-TSA-32F
MD-TSA-40F

Specification:

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

AU Market-----AU/NZ Plug

UK Market-----3Pin UK Plug

EU Market-----EU Schuko Plug , Blue CEE Plug ,Red CEE Plug etc.

North American Market-----NEMA 5-15, 6-15, 6-20, 10-30, 6-50, 10-50, 14-30, 14-50 Plug etc.

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

Electrical Performance

Item	Level 2 Adjustable EV Charger with APP
Rated Current	6A / 8A / 10A 6A / 8A / 10A / 13A 6A / 8A / 10A / 13A / 16A 10A / 16A / 20A / 24A / 32A 16A / 20A / 24A / 32A / 40A
Operation Voltage	AC 110V-250 V
Rate Frequency	50Hz / 60Hz
Leakage Protection	Type A RCD or Type A RCD+DC 6mA (Optional)
Withstand Voltage	2000V
Contact Resistance	0.5mΩ Max
Shell Material	PC Material
Flame Retardant Grade	UL94 V-0
Operating Temperature	-25° C ~ +55° C
Storage Temperature	-40° C ~ +80° C
Waterproof Protection	IP67 (Outdoor or Indoor)
EV Control Box Size	220mm (L) X 100mm (W) X 58mm (H)
LCD Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Charging Power Delay Time
New Function	Delayed Charging + Current Switching + with APP
Standard	IEC 62752, IEC 61851
Certification	TUV, UL, CE, UKCA Approved
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection

Mode 2 Adjusatable EV Charger



MD-PA-10L, MD-PA-16L



MD-PE-10L, MD-PE-16L



MD-TSA-16L

Specification:

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

AU Market-----AU/NZ Plug

UK Market-----3Pin UK Plug

EU Market-----EU Schuko Plug , Blue CEE Plug ,Red CEE Plug etc.

North American Market-----NEMA 5-15, 6-15, 6-20, 10-30, 6-50, 10-50, 14-30, 14-50 Plug etc.

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

Electrical Performance

Item	Mode 2 EV Charger Cable (Adjustable or Fixed Current)
Rated Current	6A / 8A / 10A /16A 6A / 8A / 10A /13A 8A /10A /13A /16A
Operation Voltage	AC 110V-250 V
Rate Frequency	50Hz / 60Hz
Leakage Protection	Type A RCD or Type A RCD+DC 6mA (Optional)
Withstand Voltage	2000V
Contact Resistance	0.5mΩ Max
Shell Material	PC Material
Flame Retardant Grade	UL94 V-0
Operating Temperature	-25° C ~ +55° C
Storage Temperature	-40° C ~ +80° C
Waterproof Protection	IP67 (Outdoor or Indoor)
EV Control Box Size	192.2mm (L) X 72.2mm (W) X 53.8mm (H)
LCD Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Charging Power Delay Time
New Function	Plug Lighting + Current Switching
Standard	IEC 62752, IEC 61851
Certification	TUV, UL, CE, UKCA Approved
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection

3Phase Portable EV Charger



MD-PE-T11



MD-PE-T22

Specification:

or the wall side plug: We can install the wall side plug according different countries situation:

EU Customers-----32A 5Pin Red CEE Plug Max

Electrical Performance

Item	Three Phase Portable EV Charger	
Product Model	MD-PE-T11	MD-PE-T22
Rated Current	8A 10A 13A 16A	10A 16A 20A 24A 32A
Rated Power	11kW	22kW
Operation Voltage	AC 380V-400 V	
Rate Frequency	50Hz	
Leakage Protection	Type A RCD or Type A RCD+DC 6mA (Optional)	
Withstand Voltage	2000V	
Contact Resistance	0.5mΩ Max	
Shell Material	PC Material	
Flame Retardant Grade	UL94 V-0	
Mechanical Life	No-Load Plug In / Pull Out > 10000 Times	
Operating Temperature	-25° C ~ +55° C	
Storage Temperature	-40° C ~ +80° C	
Waterproof Protection	IP67	
EV Control Box Size	260mm (L) X 120mm (W) X 76.5mm (H)	
Weight	4.80KG	
OLED Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Power, Capacity Charged, Preset Time	
Standard	IEC 62752, IEC 61851	
Certification	TUV, CE, UKCA Approved	
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection	

EV Charging Station

Model: MD-EVP-40A / MD-EVP-50A
MD-EVE-32A



Electrical Performance

Item	AC EV Charger Station	
Product Model	MD-EVP-40A / MD-EVP-50A	MD-EVE-32A
Standard	UL2594	IEC61851-1, IEC61851-22
Operation Voltage	240V / AC	
Rated frequency	50/60Hz	
Leakage Protection	CCID 20	
Shell Material	PC	
Status Indication	LED Status Indicator	
Function	RFID Card	
Atmospheric Pressure	80KPA ~ 110KPA	
Relative Humidity	5%-95%	
Operating Temperature	-30° C ~ +60° C	
Storage Temperature	-40° F to 176 ° F (-40 ° C to 80° C)	
Protection Degree	IP65	
Dimensions	300mm (L) X 161mm (W) X 120mm (H)	
Certification	CE, FCC, Energy Star Approved	
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection	

UL Standard EV Charging Station

Model: MD-EV-7.2KW MD-EV-9.6KW



MD-EV-7.2KW



MD-EV-9.6KW

Electrical Performance

Item	UL Standard EV Charging Station	
Product Model	MD-EV-7.2KW	MD-EV-9.6KW
Rated Current	7.2KW , 32Amp	9.6KW , 40Amp
Input Voltage	1-Phase AC 230V±10%	
Operation Voltage	240V AC	
Rated frequency	60Hz	
Leakage Protection	CCID 20	
Shell Material	PC	
Status Indication	LED Status Indicator	
Function	Plug and Play	
Configuration	RFID Card, WIFI, Phone APP (Tuya)(Optional)	
Charging Mode	Delayed Charging, Remote Control to Start, Wipe Card to Start	
States indicating	LED indicating light in Red, Green and Blue	
Working humidity	5% ~ 95% without condensation	
Operating Temperature	-30° C to +50° C (-22° F to +122° F)	
Protection Degree	IP65	
Application place	Indoor / Outdoor	
Dimensions	310mm (L) X 161mm (W) X 83mm (H)	
Standard	NEC625 compliance, UL2594 compliance, FCC Part 15 Class B compliance, Energy Star compliance	
Certification	CE, FCC, ETL, Energy Star Approved	
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection	

UL Standard EV Charging Station

Model: MD-EVH-32AB, MD-EVH-40AB, MD-EVH-48AB ;



MD-EVH-32AB



MD-EVH-40AB



MD-EVH-48AB

Electrical Performance

Item	UL Standard EV Charging Station		
Product Model	MD-EVH-32AB	MD-EVH-40AB	MD-EVH-48AB
Rated Current	7.2KW 32Amp	9.6KW , 40Amp	12KW , 48Amp
Operation Voltage	240V AC		
Rated frequency	60Hz		
Leakage Protection	CCID 20		
Shell Material	PC		
Status Indication	LED Status Indicator		
Function	WIFI+Bluetooth, Phone APP (EV-Charger)		
Configuration	RFID Card (Optional)		
OCPP	Full OCPP 1.6J support (Optional)		
Atmospheric Pressure	80KPA ~ 110KPA		
Relative Humidity	5%-95%		
Operating Temperature	-30° C~+60° C		
Storage Temperature	-40° F to 176 ° F (-40 ° C to 80° C)		
Protection Degree	IP65		
Dimensions	313mm(L) x 260mm(W) x 105mm(H)		
Standard	NEC625 compliance, UL2594 compliance, FCC Part 15 Class B, Energy Star		
Certification	CE, FCC, ETL, Energy Star Approved		
Protection	1. Leakage Current Protection 3. Over Voltage Protection 5. Over Temperature Protection 7. Short Circuit Protection 9. Overload Protection (self-checking recover) 2. Over Current Protection 4. Under Voltage Protection 6. Low Temperature Protection 8. Surge Protection		

Wall Mounted EV Charging Station

Model: MD-EVH-32SP / MD-EVH-16TP/ MD-EVH-32TP



MD-EVH-32SP



MD-EVH-16TP
MD-EVH-32TP

Electrical Performance

Item	Wall Mounted EV Charging Station		
Product Model	MD-EVH-32SP	MD-EVH-16TP	MD-EVH-32TP
Rated Current	7.2KW , 32Amp	11KW , 11Amp	22KW , 32Amp
Input Voltage	1-Phase AC 230V±10%	3-Phase AC 400V±10%	
Input Power Connection	L +N + PE 3P + N + PE (L1, L2, L3, N, PE)		
AC Input Frequency	50/60 Hz		
Internal Residual Current Detection	Type A + DC 6mA (Type B RCD)		
Shell Material	PC / ABS		
HM Interface	4.3 inch LCD Screen		
Status Indication	LED Status Indicator		
Function	WIFI+Bluetooth, Phone APP (EV-Charger)		
Configuration	RFID Card (Optional)		
OCPP	Full OCPP 1.6J support (Optional)		
States indicating	standby,charging in progress, fault indicator, network connectivity		
Working humidity	5% ~ 95% without condensation		
Operating Temperature	-30° C to +50° C (-22° F to +122° F)		
MTBF	100000 hours		
Protection Degree	IP65		
Application place	Indoor / Outdoor		
Dimensions	347mm (L) X 326mm (W) X 97mm (H)		
Standard	IEC 61851-1, IEC 61851-22		
Certification	TUV, CE Approved		
Protection	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature Protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recover)		

EV Adapter Connector



Type 1 to Type 2 EV Adapter



Type 2 to Type 1 EV Adapter



Type 2 to GBT EV Adapter



Type 1 to Tesla EV Adapter



Tesla to Type 1 EV Adapter



Type 1 to GBT EV Adapter



CCS 2 to CCS 1 EV Adapter



CCS 1 to CCS 2 EV Adapter



CCS 1 to Tesla EV Adapter



Tesla Extension Cable



Type2 to Tesla Adapter



Tesla to Type2 Adapter

EV Accessories



Type 1 Inlet Socket With Cable



Type 2 Male Inlet Socket With Cable



Type 2 Male Inlet Socket For Motor



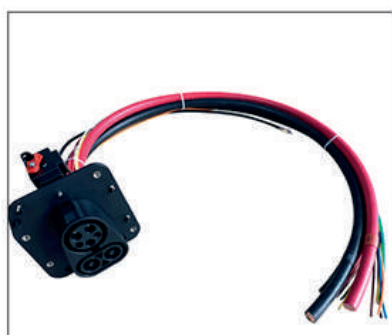
Type 2 to Type 1 EV Socket EV Adapter Cable



Type 1 to Type 2 Male Socket EV Adapter Cable



GBT Plug to Type 2 Male Socket EV Adapter Cable



CCS Combo 1 Inlet Socket With Cable



CCS Combo 2 Inlet Socket With Cable



CHAdeMO Inlet Socket With Cable



Type 2 Male Plug to EU Schuko Socket



Type 2 Male Socket to EU Schuko Socket



Type 2 Male Socket to CEE Socket

EV Plug Holder



J1772 Type 1 Plug Dummy Holder



J1772 Type 1 Plug Cable Holster



J1772 Type 1 Plug Dummy Holder



Type 2 Female Plug Dummy Holder



Type 2 Female Plug Dummy Holder



Type 2 Female Plug Dummy Holder



CCS Combo 1 Plug Dummy Holder



CCS Combo 2 Plug Dummy Holder



CCS Combo 2 Plug Dummy Holder With Micro Switch Detect



Japan CHAdeMO Plug Dummy Holder



GB/T AC Charger Plug Dummy Holder



GB/T DC Charger Plug Dummy Holder