



**Manufacturing Green Products  
Light Up Future Life**



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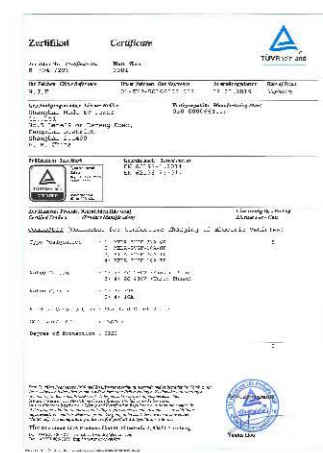
**Shanghai Mida EV Power Co.,Ltd**  
[www.midaevse.com](http://www.midaevse.com)

# Company Profile

Shanghai Mida EV Power Co.,Ltd is a professional supplier of electric vehicle components,including all kinds of EV plugs and sockets,EV cables, EV connectors, and EV charging stations. All of our products come with CE,TUV and UL certification.We sell our products to domestic and overseas markets and have a very good reputation.Our products are especially popular in Europe and the America. At present, Mida EV power pay close attention to the development of new energy automotive industry,we determined to become the industry leader and innovator.

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

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## 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 Impat Force:  
 Reliability of materials,antiflaming,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	MIDA-EVEF-16A-SP MIDA-EVEF-16A-TP MIDA-EVEF-32A-SP MIDA-EVEF-32A-TP	MIDA-EVEM-16A-SP MIDA-EVEM-16A-TP MIDA-EVEM-32A-SP MIDA-EVEM-32A-TP
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 Impat Force:  
 Reliability of materials,antiflaming,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

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

Reliability of materials,antiflaming,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-EV60P MIDA-CCS1-EV80P MIDA-CCS1-EV125P MIDA-CCS1-EV150P MIDA-CCS1-EV200P	MIDA-CCS2-EV60P MIDA-CCS2-EV80P MIDA-CCS2-EV125P MIDA-CCS2-EV150P MIDA-CCS2-EV200P	MIDA-CAM-EV80P MIDA-CAM-EV125P MIDA-CAM-EV150P MIDA-CAM-EV200P
Rated Current	60A ,80A ,125A , 150A , 200A	60A , 80A , 125A , 150A , 200A	80A , 125A , 150A , 200A
Operation Voltage	DC 1000V	DC 1000V	DC 1000V Max
DC Max Charging Power	90 KW	127.5 KW	62.5 kW
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	IP65	IP55	IP54
Flame Retardant Grade	UL94 V-0	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 direct contact with employee

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

Housing Massive structure promote protection performance

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

Safety pins material insulated head design to prevent accidental

### 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-CCS2-EV80S MIDA-CCS2-EV125S MIDA-CCS2-EV150S MIDA-CCS2-EV200S	MIDA-CAM-EV125S MIDA-CAM-EV150S MIDA-CAM-EV200S
Rated Current	80A , 125A , 150A , 200A	80A , 125A , 150A , 200A	125A , 150A , 200A
Operation Voltage	DC 1000V	DC 1000V	DC 1000V Max
DC Max Charging Power	90 KW	127.5 KW	50 kW
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 Approved	CE Approved	CE Approved

## GB/T Charger Connector & Socket



GB/T AC Charger 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, antiflaming, pressure-resistant,

abrasion resistance, impact resistance and high oil

### Electrical Performance

Item	GB/T AC Charger Connector	GB/T DC Charger Connector	GB/T DC Charger Socket
Standard	GB/T 20234.2-2015	GB/T 20234.3-2015	GB/T 20234.3-2015
Product Model	MIDA-GBT-EV16SP MIDA-GBT-EV32SP MIDA-GBT-EV16TP MIDA-GBT-EV32TP	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	16A, 32A	80A, 125A, 150A, 200A, 250A	80A, 125A, 200A, 250A,
Operation Voltage	AC 250V / 440V	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~+60°C	-30°C~+50°C	-40°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, CQC 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 voltage	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 /  
MIDA-EVA-80AP



MIDA-EVF-16A-SP / MIDA-EVF-32A-SP  
MIDA-EVF-16A-TP / MIDA-EVF-32A-TP  
MIDA-EVF-63A-TP

### Electrical Performance

Item	Type 1 J1772 EV Plug With EV Cable	Type 2 Female EV Plug with EV Cable
Standard	SAE J1772-2010	IEC 62196-2 : 2017
Product Model	MIDA-EVA-16AP / MIDA-EVA-32AP MIDA-EVA-40AP / MIDA-EVA-50AP MIDA-EVA-80AP	MIDA-EVF-16A-SP / MIDA-EVF-32A-SP MIDA-EVF-16A-TP / MIDA-EVF-32A-TP MIDA-EVF-63A-TP
Rated Current	16A / 32A / 40A / 50A / 80A	16A / 32A / 63A
Operation Voltage	AC 120V / AC 240V	AC 250V / AC 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 Rise	< 50K	
Operating Temperature	-30°C ~ +50°C	
Impact Insertion Force	> 300N	
Waterproof Degree	IP55	
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	TUV,CE Approved	

## EV Extension Cable



AUS-EVA-16AP / AUS-EVA-32AP /  
AUS-EVA-40AP / AUS-EVA-50AP /



AUS-EVF-16A-SP / AUS-EVF-32A-SP  
AUS-EVF-16A-TP / AUS-EVF-32A-TP

### Electrical Performance

Item	Type 1 J1772 EV Plug With EV Cable	Type 2 Female EV Plug with EV Cable
Standard	SAE J1772-2010	IEC 62196-2 : 2017
Product Model	AUS-EVA-16AP / AUS-EVA-32AP AUS-EVA-40AP / AUS-EVA-50AP	AUS-EVF-16A-SP / AUS-EVF-32A-SP AUS-EVF-16A-TP / AUS-EVF-32A-TP
Rated Current	16A / 32A / 40A / 50A	16A / 32A
Operation Voltage	AC 120V / AC 240V	AC 250V / AC 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 Rise	< 50K	
Operating Temperature	-30°C ~ +50°C	
Impact Insertion Force	> 300N	
Waterproof Degree	IP55	
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	TUV,CE Approved	

## Type 1 to Type 2 EV Charging Cable

Model : MIDA-EVAM-16A / MIDA-EVAM-32A



( EVAE=American Standards to European Standards EV Plug / Type 1 to Type 2 EV Charging Cable )

### Electrical Performance

Item	Type 1 to Type 2 EV Charging Cable	
Standard	SAE J1772-2010 to IEC 62196-2	
Product Model	MIDA-EVAM-16A	MIDA-EVAM-32A
Rated Current	16Amp	32Amp
Operation Voltage	AC 250V	
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, pressure-resistant, abrasion resistance, impact resistance and high oil	
Certification	TUV, UL, CE Approved	

Model	Rated Current	Cable Specification	Cable Color	Cable Length
MIDA-EVAE-16A	16 Amp	3 X 2.5mm <sup>2</sup> + 2 X 0.5mm <sup>2</sup>	Black Orange Green	(5Meter , 10Meter) The length of the cable can be customized
		3x14AWG+1X18AWG		
MIDA-EVAE-32A	32 Amp	3 X 6mm <sup>2</sup> +2 X 0.5mm <sup>2</sup>		
		3x10AWG+1X18AWG		

## Type 2 to Type 2 EV Charging Cable

Model : MIDA-EVFM-16A-SP / MIDA-EVFM-32A-SP  
MIDA-EVFM-16A-TP / MIDA-EVFM-32A-TP



( EVFM=European Standards Female to Male EV Plug / Type 2 to Type 2 EV Charging Cable )

### Electrical Performance

Item	Type 2 to Type 2 EV Charging Cable	
Standard	IEC 62196-2 : 2017	
Product Model	MIDA-EVFM-16A-SP MIDA-EVFM-32A-SP	MIDA-EVFM-16A-TP MIDA-EVFM-32A-TP
Rated Current	16A / 32A Single Phase	16A / 32A Three Phase
Operation Voltage	AC 250V	AC 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	
Temperature Rise	< 50K	
Operating Temperature	-30°C ~ +50°C	
Impact Insertion Force	> 300N	
Waterproof Degree	IP55	
Cable Protection	Reliability of materials, antiflaming, pressure-resistant, abrasion resistance, impact resistance and high oil	
Certification	TUV, CE Approved	

Model	Current	Phase	Cable Specification	Color	Cable Length
MIDA-EVFM-16A-SP	16Amp	1Phase	3 X 2.5mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>	Black Orange Green	(5M , 10M) The length of the cable can be customized
MIDA-EVFM-32A-SP	32Amp		3 X 6.0mm <sup>2</sup> +1 X 0.5mm <sup>2</sup>		
MIDA-EVFM-16A-TP	16Amp	3Phase	5 X 2.5mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>		
MIDA-EVFM-32A-TP	32Amp		5 X 6.0mm <sup>2</sup> +1 X 0.5mm <sup>2</sup>		

## Type 2 to Type 2 EV Charging Cable

Model : AUS-EVFM-16A-SP / AUS-EVFM-32A-SP  
 AUS-EVFM-16A-TP / AUS-EVFM-32A-TP



( EVFM=European Standards Female to Male EV Plug / Type 2 to Type 2 EV Charging Cable )

### Electrical Performance

Item	Type 2 to Type 2 EV Charging Cable	
Standard	IEC 62196-2 : 2017	
Product Model	AUS-EVFM-16A-SP AUS-EVFM-32A-SP	AUS-EVFM-16A-TP AUS-EVFM-32A-TP
Rated Current	16A / 32A Single Phase	16A / 32A Three Phase
Operation Voltage	AC 250V	AC 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	
Temperature Rise	< 50K	
Operating Temperature	-30°C ~ +50°C	
Impact Insertion Force	> 300N	
Waterproof Degree	IP55	
Cable Protection	Reliability of materials, antiflaming, pressure-resistant, abrasion resistance, impact resistance and high oil	
Certification	TUV, CE Approved	

Model	Current	Phase	Cable Specification	Color	Cable Length
AUS-EVFM-16A-SP	16Amp	1Phase	3 X 2.5mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>	Blue Orange Green	(5M , 10M) The length of the cable can be customized
AUS-EVFM-32A-SP	32Amp		3 X 6.0mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>		
AUS-EVFM-16A-TP	16Amp	3Phase	5 X 2.5mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>		
AUS-EVFM-32A-TP	32Amp		5 X 6.0mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>		

## EV Coiled Cable

Model : MIDA-EVAE-16AP / MIDA-EVAE-32AP  
 MIDA-EVFM-16AT / MIDA-EVFM-32AT



( Type 1 to Type 2 EV Coiled Cable )

( Type 2 to Type 2 EV Coiled Cable )

### Electrical Performance

Item	Type 1 to Type 2 EV Coiled Cable	Type 2 to Type 2 EV Coiled Cable
Standard	SAE J1772-2010 to IEC 62196-2	IEC 62196-2 : 2017
Product Model	MIDA-EVAE-16AP MIDA-EVAE-32AP	MIDA-EVFM-16AS / MIDA-EVFM-32AS MIDA-EVFM-16AT / MIDA-EVFM-32AT
Rated Current	16A , 32A	16A , 32A
Operation Voltage	250V AC	250V / 480V AC
Insulation Resistance	> 1000MΩ ( DC 500V )	
Withstand Voltage	2000V AC / 1min	
Contact Resistance	0.5mΩ Max	
Terminal Temperature Rise	< 50K	
Terminal Material	Copper Alloy , Silver Plating	
Operating Temperature	-30°C ~ +50°C	
Impact Insertion Force	> 300N	
Protection Degree	IP55	
Flame Retardant Grade	UL94 V-0	
Cable Protection	Reliability of materials, antiflaming, pressure-resistant, abrasion resistance, impact resistance and high oil	
Certification	TUV, UL , CE Approved	

Model	Rated Current	Phase	Cable Specification	Cable Color	Cable Length
MIDA-EVAE-16AP	16Amp	Single Phase	3 X 2.5mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>	Black Orange Green	(5Meter , 10Meter) The length of the cable can be customized
MIDA-EVAE-32AP	32Amp		3 X 6.0mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>		
MIDA-EVFM-16AS	16Amp	Single Phase	3 X 2.5mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>		
MIDA-EVFM-32AS	32Amp		3 X 6.0mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>		
MIDA-EVFM-16AT	16Amp	Three Phase	5 X 2.5mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>		
MIDA-EVFM-32AT	32Amp		5 X 6.0mm <sup>2</sup> + 1 X 0.5mm <sup>2</sup>		



## Mode 2 Portable EV Charger



MIDA-EVSE-PA16

MIDA-EVSE-PE16

### Specification:

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

AU Customers-----AU/NZ Plug

UK Customers-----3Pin UK Plug

EU Customers----- --EU Schuko Plug , Blue CEE Plug etc.

US Customers-----NEMA 5-15,6-15,6-20 Plug etc.

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

### Electrical Performance

Item	Mode 2 Portable EV Charger	
Product Model	MIDA-EVSE-PA16	MIDA-EVSE-PE16
Rated Current	8A / 10A / 13A / 16A ( Optional )	
Rated Power	Max 3.6KW	
Operation Voltage	AC 110V ~250 V	
Rate Frequency	50Hz/60Hz	
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	IP65	
EV Control Box Size	248mm (L) X 104mm (W) X 47mm (H)	
Standard	IEC 62752 , IEC 61851	
Certification	TUV,CE 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 Portable EV Charger


 MD-PA-13D  
MD-PE-13D

 MD-PA-16D  
MD-PE-16D

### 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 etc.

North American Market-----NEMA 5-15,6-15 6-20 Plug etc.

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

### Electrical Performance

Item	Level 2 Portable EV Charger	
Product Model	MD-PA-13D MD-PE-13D	MD-PA-16D MD-PE-16D
Rated Current	6A / 8A / 10A / 13A	6A / 10A / 13A / 16A
Rated Power	Max 3.6KW	
Operation Voltage	AC 110V ~250 V	
Rate Frequency	50Hz / 60Hz	
Withstand Voltage	2000V	
Contact Resistance	0.5mΩ Max	
Shell Material	PC Material	
Mechanical Life	No-Load Plug In / Pull Out > 10000 Times	
Operating Temperature	-30°C ~ +50°C	
Storage Temperature	-40°C ~ +80°C	
Waterproof Protection	IP65	
EV Control Box Size	185mm (L) X 90mm (W) X 40mm (H)	
Standard	IEC 62752 , IEC 61851	
Certification	TUV,CE 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

## 16Amp Adjustable EV Charger



MIDA-EVSE-PA16S

MIDA-EVSE-PE16S

### 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 )	
Product Model	MIDA-EVSE-PA16S	MIDA-EVSE-PE16S
Rated Current	6A / 8A / 10A / 13A / 16A ( Adjustable or Fixed Current )	
Rated Power	Max 3.6KW	
Operation Voltage	AC 110V~250 V	
Rate Frequency	50Hz/60Hz	
Leakage Protection	Type B RCD ( Optional )	
Withstand Voltage	2000V	
Contact Resistance	0.5mΩ Max	
Shell Material	PC Material	
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	200mm (L) X 93mm (W) X 51.5mm (H)	
Weight	2.2KG	
LCD Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Power, Capacity Charged	
Standard	IEC 62752 , IEC 61851	
Certification	TUV,CE 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

## 32Amp Adjustable EV Charger



MIDA-EVSE-PA32S

MIDA-EVSE-PE32S

### Specification:

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

EU Market-----32A 3Pin Blue CEE Plug ,Red CEE Plug

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

### Electrical Performance

Item	Mode 2 EV Charger Cable ( Adjustable or Fixed Current )	
Product Model	MIDA-EVSE-PA32S	MIDA-EVSE-PE32S
Rated Current	10A / 16A / 20A / 24A / 32A ( Adjustable or Fixed Current )	
Rated Power	Max 7.2KW	
Operation Voltage	AC 110V~250 V	
Rate Frequency	50Hz/60Hz	
Leakage Protection	Type B RCD ( Optional )	
Withstand Voltage	2000V	
Contact Resistance	0.5mΩ Max	
Shell Material	ABS and PC 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	200mm (L) X 93mm (W) X 51.5mm (H)	
Weight	2.8KG	
LCD Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Power, Capacity Charged	
Standard	IEC 62752 , IEC 61851	
Certification	TUV,CE 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

## Adjustable EV Charger 2.0



MD-PA-10S  
MD-PA-16S  
MD-PA-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 , 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	Adjustable EV Charger 2.0 ( Adjustable Current )		
Product Model	MD-PA-10S MD-PE-10S	MD-PA-16S MD-PE-16S	MD-PA-32S MD-PE-32S
Rated Current	6A / 8A / 10A ( Adjustable )	6A / 8A / 10A / 13A / 16A ( Adjustable )	10A / 16A / 20A / 24A / 32A ( Adjustable )
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		
Certification	TUV,CE 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		

## GBT Portable EV Charger



MD-GBT-16S



MD-GBT-32S



MD-GBT-S11

### 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	GBT Portable EV Charger ( Adjustable Current )		
Product Model	MD-GBT-16S	MD-GBT-32S	MD-GBT-S11
Rated Current	6A / 8A / 10A / 16A ( Adjustable )	10A / 16A / 20A / 24A / 32A ( Adjustable )	8A / 10A / 13A / 16A ( Adjustable )
Operation Voltage	AC 110V~250 V		AC 380V~400 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)		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		
Standard	NB/T 42077-2016 , IEC 62752 , IEC 61851		
Certification	TUV,UL ,CE 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 Portable EV Charger



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



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

### 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 EV Charger Cable ( Adjustable or Fixed )			
Product Model	MD-PA-10A MD-PE-10A	MD-PA-16A MD-PE-16A	MD-PA-32A MD-PE-32A	MD-PA-40A
Rated Current	6A / 8A / 10A ( Adjustable or Fixed )	6A / 8A / 10A / 13A / 16A ( Adjustable or Fixed )	10A / 16A / 20A / 24A / 32A ( Adjustable or Fixed )	16A / 20A / 24A / 32A / 40A ( Adjustable or Fixed )
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			
Standard	IEC 62752 , IEC 61851			
Certification	TUV,UL ,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)			

## Mode 2 Portable EV Charger



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	Mode 2 EV Charger Cable ( Adjustable or Fixed )			
Product Model	MD-PA-10B MD-PE-10B	MD-PA-16B MD-PE-16B	MD-PA-32B MD-PE-32B	MD-PA-40B
Rated Current	6A / 8A / 10A ( Adjustable or Fixed )	6A / 8A / 10A / 13A / 16A ( Adjustable or Fixed )	10A / 16A / 20A / 24A / 32A ( Adjustable or Fixed )	16A / 20A / 24A / 32A / 40A ( Adjustable or Fixed )
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			
Standard	IEC 62752 , IEC 61851			
Certification	TUV,UL ,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)			

## Adjustable EV Charger



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



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

### 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 )			
Product Model	MD-PA-10C MD-PE-10C	MD-PA-16C MD-PE-16C	MD-PA-32C MD-PE-32C	MD-PA-40C
Rated Current	6A / 8A / 10A ( Adjustable or Fixed )	6A / 8A / 10A / 13A / 16A ( Adjustable or Fixed )	10A / 16A / 20A / 24A / 32A ( Adjustable or Fixed )	16A / 20A / 24A / 32A / 40A ( Adjustable or Fixed )
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			
Standard	IEC 62752 , IEC 61851			
Certification	TUV,UL ,CE 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 11KW Portable EV Charger



MD-PE-A11



MD-PE-B11



MD-PE-C11

### Specification:

For 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	3Phase 11KW Portable EV Charger ( Adjustable )		
Product Model	MD-PE-A11	MD-PE-B11	MD-PE-C11
Rated Current	16Amp (8A 10A 13A 16A)		
Rated Power	11KW Three Phase		
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		
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	3.80KG		
OLED Display	Temperature, Charging Time, Actual Current, Actual Voltage, Actual Power, Capacity Charged, Preset Time		
Standard	IEC 62752 , IEC 61851		
Certification	TUV,CE 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-EVP-32A / MD-EVP-40A / MD-EVP-50A



MD-EVP-32A



MD-EVP-40A



MD-EVP-50A

### Electrical Performance

Item	AC EV Charger Station		
Product Model	MD-EVP-32A / MD-EVP-40A / MIDA-EVP-50A		
Rated Current	7.2KW , 32Amp	9.6KW , 40Amp	11KW , 50Amp
Operation Voltage	AC 230V Single Phase		
Rated frequency	50/60Hz		
Leakage Protection	Type A or Type A+DC 6mA ( Optional )		
Shell Material	ABS		
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°C~+70°C		
Protection Degree	IP55		
Dimensions	310mm (L) X 161mm (W) X 83mm (H)		
Weight	5.0 KG		
Standard	IEC 61851-1:2010 EN 61851-1:2011 IEC 61851-22:2002 EN 61851-22:2002		
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)		

## MINI Smart EV Wallbox

Model: MD-EVP-3.6KW / MD-EVP-7.2KW  
MD-EVP-11KW / MD-EVP-22KW



MD-EVP-3.6KW  
MD-EVP-7.2KW



MD-EVP-11KW  
MD-EVP-22KW

### Electrical Performance

Item	MINI Smart EV Wallbox			
Product Model	MD-EVP-3.6KW	MD-EVP-7.2KW	MD-EVP-11KW	MD-EVP-22KW
Rated Current	3.6KW , 16Amp	7.2KW , 32Amp	11KW , 16Amp	22KW , 32Amp
Input Voltage	1-Phase AC 230V±10%		3-Phase AC 400V±10%	
Input Power Connection	L + N + PE		3Ph + N + PE (L1, L2, L3, N, PE)	
AC Input Frequency	50/60 Hz			
Internal Residual Current Detection	Type A+DC 6mA ( Optional )			
Shell Material	PC+ABS			
HM Interface	2.8 inch LCD Screen			
Status Indication	LED Status Indicator			
Function	RFID Card			
Configuration	WIFI ,Phone APP ( Apple or Google Store )			
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	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)			

## Wall Mounted EV Charging Station

Model: MD-EVT-3.6KW / MD-EVT-7.2KW  
MD-EVT-11KW / MD-EVT-22KW



MD-EVT-3.6KW  
MD-EVT-7.2KW



MD-EVT-11KW  
MD-EVT-22KW

### Electrical Performance

Item	Wall Mounted EV Charging Station			
Product Model	MD-EVT-3.6KW	MD-EVT-7.2KW	MD-EVT-11KW	MD-EVT-22KW
Rated Current	3.6KW , 16Amp	7.2KW , 32Amp	11KW , 16Amp	22KW , 32Amp
Input Voltage	1-Phase AC 230V±10%		3-Phase AC 400V±10%	
Input Power Connection	L + N + PE		3Ph + 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	RFID Card ( Optional )			
PEN Function	Protective Earth and Neutral ( Optional )			
Configuration	4G , WIFI ,Phone APP ( Apple or Google Store )			
OCPP	Full OCPP 1.6J support (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 )			
MTBF	100000 hours			
Protection Degree	IP65			
Application place	Indoor / Outdoor			
Dimensions	340mm (L) X 240mm (W) X 120mm (H)			
Standard	IEC 61851-1 ,IEC 61851-22			
Certification	TUV,CE 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-EVS-3.6KW / MD-EVS-7.2KW  
MD-EVS-11KW / MD-EVS-22KW



MD-EVS-3.6KW  
MD-EVS-7.2KW



MD-EVS-11KW  
MD-EVS-22KW

### Electrical Performance

Item	Wall Mounted EV Charging Station			
Product Model	MD-EVS-3.6KW	MD-EVS-7.2KW	MD-EVS-11KW	MD-EVS-22KW
Rated Current	3.6KW , 16Amp	7.2KW , 32Amp	11KW , 16Amp	22KW , 32Amp
Input Voltage	1-Phase AC 230V±10%		3-Phase AC 400V±10%	
Input Power Connection	L + N + PE		3Ph + 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	RFID Card ( Optional )			
PEN Function	Protective Earth and Neutral ( Optional )			
Configuration	4G , WIFI ,Phone APP ( Apple or Google Store )			
OCPP	Full OCPP 1.6J support (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 )			
MTBF	100000 hours			
Protection Degree	IP65			
Application place	Indoor / Outdoor			
Dimensions	340mm (L) X 240mm (W) X 120mm (H)			
Standard	IEC 61851-1,IEC 61851-22			
Certification	TUV,CE 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			

## AC EV Adapter Connector



Type 1 to Type 2 EV Adapter



Type 2 to Type 1 EV Adapter



Type 2 to GBT EV Adapter

### Product Feature

Meet IEC 62196-2, SAEJ1772, GB/T 20234

Nice appearance, Support Back installation

Contact with drainage structure, improve safety performance

Inner Core: Thermoplastic

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

Terminal Material: Copper Alloy, Silver Plated Surface

Mechanical Life no-load plug in/pull out >5000 times

Superior Protection Performance, Protection Level Up to IP67 (Inside the Product)

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

### Electrical Performance

Item	Type 1 to Type 2 EV Adapter	Type 2 to Type 1 EV Adapter	Type 2 to GBT EV Adapter
Standard	IEC 62196-2, SAEJ1772-2010, GB/T 20234		
Product Model	MD-T1-T2	MD-T2-T1	MD-T2-GBT
Rated Operating Current	32A	32A	32A
Operation Voltage	AC 250V		AC 250V / 480V
Insulation Resistance	> 1000MΩ(DC 500V)		
Withstand Voltage	2000V / 5s		
Contact Resistance	0.5mΩ Max		
Terminal Temperature Rise	<50K		
Operating Temperature	-30°C~+50°C		
Impact Insertion Force	45N<F<80N		
Mechanical Life	> 5000 times		
Protection Degree	IP55		
Flame Retardant Grade	UL94 V-0		
Certification	CE Approved		

## AC EV Adapter Connector



Type 1 to Tesla EV Adapter



Tesla to Type 1 EV Adapter



Type 1 to GBT EV Adapter

### Product Feature

Meet IEC 62196-2, SAEJ1772, GB/T 20234

Nice appearance, Support Back installation

Contact with drainage structure, improve safety performance

Inner Core: Thermoplastic

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

Terminal Material: Copper Alloy, Silver Plated Surface

Mechanical Life no-load plug in/pull out >5000 times

Superior Protection Performance, Protection Level Up to IP67 (Inside the Product)

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

### Electrical Performance

Item	Type 1 to Tesla EV Adapter	Tesla to Type 1 EV Adapter	Type 1 to GBT EV Adapter
Standard	IEC 62196-2, SAEJ1772-2010		SAEJ1772-2010, GB/T 20234
Product Model	MD-T1-TSA	MD-TSA-T1	MD-T1-GBT
Rated Operating Current	60A	48A	32A
Operation Voltage	AC 110V~250V		AC 250V
Insulation Resistance	> 1000MΩ(DC 500V)		
Withstand Voltage	2000V / 5s		
Contact Resistance	0.5mΩ Max		
Terminal Temperature Rise	<50K		
Operating Temperature	-30°C~+50°C		
Impact Insertion Force	45N<F<80N		
Mechanical Life	> 5000 times		
Protection Degree	IP55		
Flame Retardant Grade	UL94 V-0		
Certification	CE Approved		



## DC EV Adapter Connector



### Product Feature

Meet IEC 62196-3 : 2014

Nice appearance, Support Back installation

Contact with drainage structure ,improve safety performance

Inner Core:Thermoplastic

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

Terminal Material: Copper Alloy , Silver Plated Surface

Mechanical Life no-load plug in/pull out >5000 times or 10000times

Superior Protection Performance ,Protection Level Up to IP67 (Inside the Product)

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

### Electrical Performance

Item	CCS 2 to CCS 1 EV Adapter	CCS 1 to CCS 2 EV Adapter	CCS1 to Tesla EV Adapter
Standard	IEC 62196-3		
Product Model	MD-CCS2-CCS1	MD-CCS1-CCS2	MD-CCS1-TSA
Rated Operating Current	150A Max	150A Max	125A Max
Operation Voltage	DC 1000V	DC 1000V	DC 500V
Insulation Resistance	>1000MΩ(DC 500V)	>1000MΩ(DC 500V)	>1000MΩ(DC 500V)
Withstand Voltage	2000V AC / 1min	2000V AC / 1min	2000V AC / 1min
Contact Resistance	0.3mΩ Max		
Terminal Temperature Rise	<45K		
Operating Temperature	-30°C~+50°C		
Impact Insertion Force	45N<F<80N		
Mechanical Life	> 10000 times		
Protection Degree	IP54 ( Working State )		
Flame Retardant Grade	UL94 V-0		
Certification	CE Approved		

## DC EV Adapter Connector



### Product Feature

Meet IEC 62196-3 : 2014

Nice appearance, Support Back installation

Contact with drainage structure ,improve safety performance

Inner Core:Thermoplastic

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

Terminal Material: Copper Alloy , Silver Plated Surface

Mechanical Life no-load plug in/pull out >5000 times or 10000times

Superior Protection Performance ,Protection Level Up to IP67 (Inside the Product)

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

### Electrical Performance

Item	CCS 2 to GB/T EV Adapter	CCS 1 to GB/T EV Adapter	CHAdeMO to GB/T EV Adapter
Standard	IEC 62196-3	IEC 62196-3	IEC 62196-3
Product Model	MD-CCS2-GBT	MD-CCS1-GBT	MD-CAM-GBT
Rated Operating Current	200A Max	200A Max	125A Max
Operation Voltage	DC 1000V	DC 1000V	DC 500V
Insulation Resistance	>1000MΩ(DC 500V)	>1000MΩ(DC 500V)	>1000MΩ(DC 500V)
Withstand Voltage	2000V AC / 1min	2000V AC / 1min	2000V AC / 1min
Contact Resistance	0.3mΩ Max	0.3mΩ Max	0.3mΩ Max
Terminal Temperature Rise	<45K	<45K	<45K
Operating Temperature	-30°C~+50°C	-30°C~+50°C	-30°C~+50°C
Impact Insertion Force	45N<F<80N	45N<F<80N	45N<F<80N
Mechanical Life	> 10000 times	> 10000 times	> 10000 times
Protection Degree	IP54 ( Working State )	IP54 ( Working State )	IP54 ( Working State )
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0
Certification	CE Approved	CE Approved	CE Approved

## 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