



东莞锐一电子有限公司
DONGGUAN RUIYI ELECTRONIC CO.,LTD.



GBT/Type1/Type2 V2L



Tesla to J1772 Adapter



Tesla to Type2 Adapter

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	GBT/Type1/Type2 V2L	Tesla to J1772 Adapter	Tesla to Type2 Adapter
Standard	SAE J1772-2010	SAE J1772-2010	IEC 62196
Product Model	MDZ-V2L	MDZ-Tes- T1	MDZ-Tes- T2
Rated Current	16A	48A	32A
Operation Voltage	125V(AC)	250V(AC)	240V(AC)
Insulation Resistance	>1000MΩ(DC500V)	>1000MΩ(DC500V)	>1000MΩ(DC500V)
Withstand Voltage	2000V	2000V	2000V
Contact Resistance	0.5mΩ Max	0.5mΩ Max	0.5mΩ Max
Terminal Temperature Rise	<50K	<50K	<50K
Operating Temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°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	CE FCC ROHS	CE FCC ROHS	CE FCC ROHS



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MDZ-EVA-16AP /MDZ-EVA-32AP /
MDZ-EVA-40AP /MDZ-EVA-48AP/



(MD=Telsa To Tesla EV Charging Cable)

Electrical Performance

Item	Type 1 J1772 EV Plug With EV Cable	Telsa To Tesla EV Charging Cable
Standard	SAE J1772-2010	Tesla
Product Model	MDZ-EVA-16AP /MDZ-EVA-32AP / MDZ-EVA-40AP /MDZ-EVA-48AP/	MDZ-EVA-16A-TP MDZ-EVA-32A-TP MDZ-EVA-48A-TP
Rated Current	16A /32A / 40A/ 48A	16A / 32A / 48A
Operation Voltage	250V(AC)	250V(AC)
Insulation Resistance	>1000MΩ(DC500V)	
Withstand Voltage	2000V	
Pin Material	Copper Alloy, Silver Plating	
Shell Material	Thermoplastic,Flame Retardant Grade UL94 V-0	
Operating Temperature	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 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	CE FCC ROHS	



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



(MD=Type2 To J1772/ Type2 To Type2 EV Charger Cable)

Electrical Performance

Item	Type2 To J1772	Type2 To Type2 EV Charger Cable			
Standard	SAE J1772-2010	IEC62196			
Product Model	MDZ-EVAM(16A-32A)	MDZ-EVAE(16A-32A)			
Rated Current	16Amp 32Amp	3.8KW	7.6KW	11KW	22KW
Operation Voltage	AC 250V	240V(AC)		380V(AC)	
Insulation Resistance	>1000MΩ (DC500V)				
Withstand Voltage	2000V				
Pin Material	Copper Alloy, Silver Plating				
Shell Material	Thermoplastic,Flame Retardant Grade UL94 V-0				
Operating Temperature	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	CE FCC ROHS				



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MDZ-EVA-16AP / MDZ-EVA-32AP /
MDZ-EVA-40AP / MDZ-EVA-48AP/

MDZ-EVA-16SP / MDZ-EVA-32SP /
MDZ-EVA-16SP / MDZ-EVA-32SP/

Electrical Performance

Item	Type 1 J1772 EV Cable	GBT EV Cable
Standard	SAE J1772-2010	GB/T 20234
Product Model	MDZ-EVA-16AP / MDZ-EVA-32AP / MDZ-EVA-40AP / MDZ-EVA-48AP/	MDZ-EVA-16SP / MDZ-EVA-32SP / MDZ-EVA-16SP / MDZ-EVA-32SP/
Rated Current	16A / 32A / 40A/ 48A	16A / 32A
Operation Voltage	AC 120V / AC 240V	AC 220 / AC 380V
Insulation Resistance	>1000MΩ(DC500V)	
Withstand Voltage	2000V	
Pin Material	Copper Alloy, Silver Plating	
Shell Material	Thermoplastic,Flame Retardant Grade UL94 V-0	
Operating Temperature	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 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	