

GB/T AC Charging Plug

GB/T Standardization Administration of the People's Republic of China

Introduction

The plug conform to the provisions and requirements of <Connection set for conductive charging of electric vehicles> GB/ T 20234.2-2015.

Have one or two PTC (PT1000) thermistor (can match with hela lock) ,have functions of signal feedback.

The head of pins using safety insulation design to prevent direct contact with the hand.



Feature

- GB/T Interface
- Double Color Coating
- IP55



Customized

- Coating Color



Material

- PC+PBT Alloy
- TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Cable Assembly

- Picture



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-GAC-32A-3P	1010	32A	440V	5*6mm ² +4*0.75mm ² (P2)
AG-GAC-63A-3P	1011	63A	440V	5*16mm ² +4*0.75mm ² (P2)

GB/T AC Charging Plug

Current	32A/63A
Voltage	440V
Charging Standard	GB/T 20234.2-2015

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000 MΩ(DC 500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	CQC, RoHS
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GB/T AC Charging Plug

GB/T Standardization Administration of the People's Republic of China

Introduction

Conform to the provisions and requirements of <Connection set for conductive charging of electric vehicles> GB/ T 20234.2-2015.

Using riveting pressure process with none screw and beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

The head of pins using safety insulation design to prevent direct contact with the hand.

Reliable material ,flame retardant, presssure proof , wear - resisting , impact resistance, high oil proof .



Feature

- GB/T Interface
- Double Color Coating
- IP55



Customized

- Coating Color



Material

- PC+PBT Alloy
- TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Cable Assembly

- Picture



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-GAC-10/16P-2	1002	10/16A	250V	3*2.5mm ² +2*0.75mm ²
AG-GAC-32P-4	1006	32A	250V	3*6mm ² +2*0.75mm ²
AG-GAC-16P-3P	1009	16A	440V	5*2.5mm ² +2*0.75mm ²

GB/T AC Charging Plug

Current	10A/16A/32A
Voltage	250V/440V
Charging Standard	GB/T 20234.2-2015

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C--+50°C
Protection	IP55 IK08

Electrical Performance

Insulation Resistance	>1000 MΩ(DC 500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	CQC, RoHS
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GB/T DC Charging Plug

GB/T Standardization Administration of the People's Republic of China

Introduction

Conform to the provisions and requirements of <Connection set for conductive charging of electric vehicles> GB/ T 20234.2-2015.

Have one or two PTC (PT1000) thermistor.

Have a electromagnetic locking device (can match with hela lock) ,have functions of signal feedback.

Developed for portable DC charging pile ,beautiful appearance with hand - held design and small in volume make installation easily, insertion and withdrawal conveniently .



Material

- PC+PBT Alloy
- TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Feature

- GB/T Interface
- IP 55



Cable Assembly

- Picture



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-GDC-32P-3	1020	32A	1000V	3*6mm ² +2*4mm ² +4*0.75mm ² (P2)
AG-GDC-40P-2	1022	40A	1000V	3*10mm ² +2*4mm ² +2* (2*0.75mm ²) (P2) +2*(3*0.75mm ²)

GB/T DC Charging Plug

Current	32A/40A
Voltage	1000V
Charging Standard	GB/T 20234.2-2015

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>2000MΩ (DC1000V)
Pins Temperature Rise	<50K
Withstand Voltage	4500V (DC+/DC-/PE)
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	CQC, RoHS
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GB/T DC Charging Plug

GB/T Standardization Administration of the People's Republic of China

Introduction

Conform to the provisions and requirements of <Connection set for conductive charging of electric vehicles> GB/ T 20234.2-2015.

Have one or two PTC (PT1000) thermistor.

Have a electromagnetic locking device (can match with hela lock) ,have functions of signal feedback.

Developed for portable DC charging pile ,beautiful appearance with hand - held design and small in volume make installation easily, insertion and with-drawal conveniently .



Feature

- GB/T Interface
- IP 55



Material

- PC+PBT Alloy
- TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Cable Assembly

- Picture



Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-GDC-80P-3	1025	80A	1000V	2*20mm ² +1*25mm ² +2*4mm ² +2* (2*0.75mm ²) (P2) +2*(4*0.75mm ²)
AG-GDC-125P	1027	125A	1000V	2*35mm ² +1*25mm ² +2*4mm ² +2* (2*0.75mm ²) (P2) +2*(4*0.75mm ²)
AG-GDC-150P	1028	150A	1000V	2*50mm ² +1*25mm ² +2*4mm ² +2* (2*0.75mm ²) (P2) +2*(4*0.75mm ²)
AG-GDC-200P	1029	200A	1000V	2*70mm ² +1*25mm ² +2*4mm ² +2* (2*0.75mm ²) (P2) +2*(4*0.75mm ²)
AG-GDC-250P-1	1030	250A	1000V	2*80mm ² +1*25mm ² +2*4mm ² +2* (2*0.75mm ²) (P2) +2*(4*0.75mm ²)

GB/T DC Charging Plug

Current	80A/125A/150A/200A/250A
Voltage	1000V
Charging Standard	GB/T 20234.2-2015

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C--+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>2000MΩ (DC1000V)
Pins Temperature Rise	<50K
Withstand Voltage	4500V (DC+/DC-/PE)
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	CQC, RoHS
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GB/T Model 2 EV Portable Charger

GB/T Standardization Administration of the People's Republic of China

Introduction

- Flexibly and custom input plug types.
- The control box pannel adopts OLED display function, the current and voltage, the charging state and temperature of the circuit board in real time.
- Applied double color coating technology, custom color of plug and control box.
- Switchable currents, charging appointment.
- Intelligent chip can monitor and repair charging problem automatically.



Feature

- GB/T Interface
- IP 55(Plug)
- IP 67(control box)



Customized

- Coating Color



Material

- PC+PBT Alloy
- TPU/TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Input Plug

- Options



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-GM-16P-1	5003	16A	250V	3*2.5mm ² +2*0.75mm ²
AG-T-GM-16P-3	5008	16A	250V	3*2.5mm ² +2*0.75mm ²
AG-T-GM-32P-1	5014	32A	250V	3*6mm ² +2*0.75mm ²
AG-T-GM-32P-3	5020	32A	250V	3*6mm ² +2*0.75mm ²

GB/T Model 2 Portable Charger

Current	16A/32A
Voltage	250V
Charging Standard	GB/T 20234.2-2015

Protections

Over voltage Protection	Yes
Under vltage Protection	Yes
Earth leak Protection	Yes
Ground Protection	Yes
Over-temperature Protection	Yes
Over load Protection	Yes
Lightning Protection	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C~+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	CQC, RoHS
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GB/T AC Charging Socket

GB/T Standardization Administration of the People's Republic of China

Introduction

Conform to the provisions and requirements of <Connection set for conductive charging of electric vehicles> GB/T 20234.2-2015.

Have a electromagnetic locking device (can match with hela lock) ,have functions of signal feedback.

Beautiful appearance , prevention cap can be installed on the left side, the right side or the front of it.

Reliable material ,flame retardant, presssure proof , wear - resisting , impact resistance, high oil proof .



Feature

- GB/T Interface
- IP 55

Accessories

- Electromagnetic Lock



Material

- PC+PBT Alloy
- Copper Alloy, Silver Plated

Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-GAC-16S	1032	16A	250V	3*2.5mm ² +2*0.75mm ²
AG-GAC-32S	1033	32A	250V	3*6mm ² +2*0.75mm ²
AG-GAC-16S-3P	1034	16A	440V	5*2.5mm ² +2*0.75mm ²
AG-GAC-32S-3P	1035	32A	440V	5*6mm ² +2*0.75mm ²
AG-GAC-63S-3P	1036	63A	440V	3*16mm ² +2*0.75mm ²

GB/T AC Charging Socket

Current	16A/32A/63A
Voltage	250V/440V
Charging Standard	GB/T 20234.2-2015

Customization Options

Cable Length	Yes
Cable Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C--+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	CQC, RoHS
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GB/T DC Charging Socket

GB/T Standardization Administration of the People's Republic of China

Introduction

Conform to the provisions and requirements of <Connection set for conductive charging of electric vehicles> GB/T 20234.2-2015.

Have a electromagnetic locking device (can match with hela lock) ,have functions of signal feedback.

Beautiful appearance , prevention cap can be installed on the left side, the right side or the front of it.

Reliable material ,flame retardant, presssure proof , wear - resisting , impact resistance, high oil proof .



Feature

- GB/T Interface
- IP 55

Material

- PC+PBT Alloy
- Copper Alloy, Silver Plated

Accessories

- Electromagnetic Lock



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-GDC-32S	1037	32A	1000V	3*6mm ² +2*4mm ² +2*2*0.75mm ² +2*(3*0.75mm ²)
AG-GDC-40S	1038	40A	1000V	3*10mm ² +2*4mm ² +2*2*0.75mm ² +2*(3*0.75mm ²)
AG-GDC-80S	1039	80A	1000V	2*20mm ² +1*25mm ² +2*4mm ² +2*0.75mm ² (P2) +5*0.75mm ²
AG-GDC-125S	1040	125A	1000V	2*35mm ² +1*25mm ² +2*4mm ² +2*0.75mm ² (P2)+5*0.75mm ²
AG-GDC-150S	1041	150A	1000V	2*50mm ² +1*25mm ² +2*4mm ² +2P(4*0.75mm ²)+2P(2*0.75mm ²)
AG-GDC-200S-1	1042	200A	1000V	2*70mm ² +1*25mm ² +2*4mm ² +2*0.75m ² (P2)+5*0.75mm ²
AG-GDC-250S	1043	250A	1000V	2*95mm ² +1*25mm ² +2*4mm ² +2*0.75mm ² (P2)+5*0.75mm ²

GB/T DC Charging Socket

Current	32A/40A/80A/125A/150A/200A/250A
Voltage	1000V
Charging Standard	GB/T 20234.2-2015

Customization Options

Cable Length	Yes
Cable Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C--+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>2000MΩ (DC1000V)
Pins Temperature Rise	<50K
Withstand Voltage	4500V (DC+/DC-/PE)
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	CQC, RoHS
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IEC AC Charging Plug



Introduction

Conform to the provisions and requirements of IEC 62196-2-2016 2-IIe.

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- IEC Interface
- IP 55



Material

- PC+PBT Alloy
- TPU
- Copper Alloy, Silver Plated
- Silicon Ruber

Cable Assembly

- Picture



Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-IAC-16A	3001	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-IAC-32A	3002	32A	480V	3*6mm ² +2*0.5mm ²
AG-IAC-16A-3p	3003	16A	250V	5*2.5mm ² +2*0.5mm ²
AG-IAC-32A-3p	3004	32A	480V	5*6mm ² +2*0.5mm ²

IEC AC Charging Plug

Current	16A/32A
Voltage	250V/480V
Charging Standard	IEC 62196-2

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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IEC AC Charging Plug



Introduction

Conform to the provisions and requirements of IEC 62196-2-2016 2-IIb.

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- IEC Interface
- IP 55



Material

- PC+PBT Alloy
- TPU
- Copper Alloy, Silver Plated
- Silicon Ruber

Cable Assembly

- Picture



Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-IAC-16A	3001	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-IAC-32A	3002	32A	480V	3*6mm ² +2*0.5mm ²
AG-IAC-16A-3p	3003	16A	250V	5*2.5mm ² +2*0.5mm ²
AG-IAC-32A-3p	3004	32A	480V	5*6mm ² +2*0.5mm ²

IEC AC Charging Plug

Current	16A/32A
Voltage	250V/480V
Charging Standard	IEC 62196-2

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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IEC AC Charging Socket



Introduction

Conform to the requirements of IEC 62196-2
 Match with Hella lock device.
 Have one or two PTC(PT1000) thermistor (can match with NTC or Temperature control switch
 Beautiful appearance, prevention cap can be installed on the left side, the right side or the front of it.
 Reliable material, flame retardent, pressure proof, wear-resisting, impact resistance, high oil proof.



Feature

- IEC Interface
- IP 55



Customized

- Reveting
- Screwing



Material

- PC+PBT Alloy
- TPU
- Copper Alloy, Silver Plated
- Silicon Ruber

Accessories

- Hella Lock
- Signal Cable



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-IAC-16AS	3005	16A	250V	3*2.5mm ² +2*0.5mm ²
		16A	480V	5*2.5mm ² +2*0.5mm ²
AG-IAC-32AS-1	3006	32A	250V	3*6mm ² +2*0.5mm ²
		32A	480V	5*6mm ² +2*0.5mm ²
AG-IAC-16AS-1	3007	16A	250V	3*2.5mm ² +2*0.5mm ²
		16A	480V	5*2.5mm ² +2*0.5mm ²
AG-IAC-32AS-2	3008	32A	250V	3*6mm ² +2*0.5mm ²
		32A	480V	5*6mm ² +2*0.5mm ²

IEC AC Charging Socket

Current	16A/32A
Voltage	250V/480V
Charging Standard	IEC 62196-2

Customization Options

Cable Length	Yes
Cable Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C--+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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IEC Model 2 EV Portable Charger



Introduction

Flexibly and custom input plug types.
 The control box pannel adopts OLED display function, the current and voltage, the charging state and temperature of the circuit board in real time.
 Applied double color coating technology, custom color of plug and control box.
 Switchable currents, charging appointment.
 Intelligent chip can monitor and repair charging problem automatically.



Feature

- IEC Interface
- IP 55(Plug)
- IP 67(control box)



Customized

- Coating Color



Material

- PC+PBT Alloy
- TPU/TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Input Plug

- Options



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-IM-16P-1	5002	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-T-IM-16P-3	5007	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-T-IM-32P-1	5013	32A	250V	3*6mm ² +2*0.5mm ²
AG-T-IM-32P-3	5019	32A	250V	3*6mm ² +2*0.5mm ²

IEC Model 2 Portable Charger

Current	16A/32A
Voltage	250V
Charging Standard	IEC62196-2

Protections

Over voltage Protection	Yes
Under vltage Protection	Yes
Earth leak Protection	Yes
Ground Protection	Yes
Over-temperature Protection	Yes
Over load Protection	Yes
Lightning Protection	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C--+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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IEC Type 2 - Type 2 EV Charging Model 3



Introduction

Conform to the provisions and requirements of IEC 62196-2.

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- IEC Interface
- IP 55
- Connect Charging Pile (Socket Version) and Electrical Vehicle



Material

- PC+PBT Alloy
- TPU
- Copper Alloy, Silver Plated
- Silicon Ruber

Cable Assembly

- Spiral Version



Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-II-16P	3005	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-T-II-32P	3006	32A	250V	3*6mm ² +2*0.5mm ²
AG-T-II-16P-3p	3007	16A	480V	5*2.5mm ² +2*0.5mm ²
AG-T-II-32P-3p	3008	32A	480V	5*6mm ² +2*0.5mm ²

IEC Type 2 - Type 2 Charging Cable

Current	16A/32A
Voltage	250V/480V
Charging Standard	IEC 62196-2

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C--+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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IEC Type 2 - Type 1 EV Charging Model 3



Introduction

Conform to the provisions and requirements of IEC 62196-2,SAE J1772.

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- IEC and SAE Interface
- IP 55
- Connect Charging Pile (Socket Version) and Electrical Vehicle



Customized

- Coating Color



Material

- PC+PBT Alloy
- TPU
- Copper Alloy, Silver Plated
- Silicon Ruber

Cable Assembly

- Spiral Version



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-IS-16P	3009	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-T-IS-32P	3010	32A	250V	3*6mm ² +2*0.5mm ²

IEC Type 2 - Type 1 Charging Cable

Current	16A/32A
Voltage	250V
Charging Standard	IEC 62196-2,SAE J1772

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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IEC Type 2 - Type 1 Adaptor EV Charging Model 3



Introduction

Conform to the provisions and requirements of IEC 62196-2,SAE J1772.

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- IEC and SAE Interface
- IP 55
- Connect Charging Pile (Plug Version) and Electrical Vehicle



Material

- PC+PBT Alloy
- TPU
- Copper Alloy, Silver Plated
- Silicon Ruber

Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-SI-32P-C	3012	32A	250V	3*6mm ² +2*0.5mm ²

IEC Type 2 - Type 1 Adaptor

Current	32A
Voltage	250V
Charging Standard	IEC 62196-2,SAE J1772

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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IEC Type 2 - GB/T EV Charging Model 3



Introduction

Conform to the provisions and requirements of IEC 62196-2,GB/T 20234.2

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- IEC and GB/T Interface
- IP 55
- Connect Charging Pile (Socket Version) and Electrical Vehicle



Material

- PC+PBT Alloy
- TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-IG-32P	3011	32A	250V	3*6mm ² +2*0.75mm ²

IEC Type 2 - GB/T Charging Cable

Current	32A
Voltage	250V
Charging Standard	IEC 62196-2,GB/T 20234.2

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C--+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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IEC Type 2 - GB/T Adaptor EV Charging Model 3



Introduction

Conform to the provisions and requirements of IEC 62196-2,GB/T 20234.2

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- IEC and GB/T Interface
- IP 55
- Connect Charging Pile (Plug Version) and Electrical Vehicle



Material

- PC+PBT Alloy
- TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-IG-32P-C	3013	32A	250V	3*6mm ² +2*0.75mm ²

IEC Type 2 - GB/T Adaptor

Current	32A
Voltage	250V
Charging Standard	IEC 62196-2,GB/T 20234.2

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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Type 1 Socket - Type 2 Adaptor EV Charging Model 3



Introduction

Conform to the provisions and requirements of IEC 62196-2, SAE J1772

Using riveting pressure process with none screw, have a beautiful appearance. Hand-held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span, TPU sheath improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- IEC and SAE Interface
- IP 55
- Connect Charging Pile (Plug Version) and Electrical Vehicle



Material

- PC+PBT Alloy
- TPU
- Copper Alloy, Silver Plated
- Silicon Rubber

Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-IS-32P	2004	32A	250V	3*6mm ² +2*0.5mm ²

Type 1 Socket - Type 2 Adaptor

Current	32A
Voltage	250V
Charging Standard	SAE J1772, IEC 62196-2

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug > 10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C ~ +50°C
Protection	IP55 IK08
Insertion Force	< 100N

Electrical Performance

Insulation Resistance	> 1000MΩ (DC500V)
Pins Temperature Rise	< 50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV, CE, RoHS
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IEC DC Charging Plug



Introduction

Conform to the provisions and requirements of IEC 62196-3-2016 .

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear

Excellent protection performance,protection grade achiev-ed IP55(working condition).



Feature

- IEC Interface
- IP 55



Customized

- Plug Color



Material

- PC+PBT Alloy
- TPU
- Copper Alloy, Silver Plated
- Silicon Ruber

Cable Assembly

- Picture



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-IDC-80A	3023	80A	1000V	2*16mm ² +1*25mm ² +(6*0.75mm ²)(P2)
AG-IDC-125A	3024	125A	1000V	2*35mm ² +1*25mm ² +(6*0.75mm ²)(P2)
AG-IDC-150A	3025	150A	1000V	2*50mm ² +1*25mm ² +(6*0.75mm ²)(P2)
AG-IDC-200A	3026	200A	1000V	2*70mm ² +1*25mm ² +(6*0.75mm ²)(P2)

IEC DC Charging Plug

Current	80A/125A/150A/200A
Voltage	1000V
Charging Standard	IEC 62196-3

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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SAE AC Charging Plug



Introduction

Conform to the provisions and requirements of SAE J1772 -2012.

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- IEC Interface
- IP 55



Material

- PC+PBT Alloy
- TPU
- Copper Alloy, Silver Plated
- Silicon Ruber

Cable Assembly

- Picture



Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-SAE-16A	2001	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-SAE-32A	2002	32A	250V	3*6mm ² +2*0.5mm ²

SAE AC Charging Plug

Current	16A/32A
Voltage	250V
Charging Standard	SAE J1772

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C--+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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SAE Model 2 EV Portable Charger



Introduction

- Flexibly and custom input plug types.
- The control box pannel adopts OLED display function, the current and voltage, the charging state and temperature of the circuit board in real time.
- Applied double color coating technology, custom color of plug and control box.
- Switchable currents, charging appointment.
- Intelligent chip can monitor and repair charging problem automatically.



Feature

- SAEJ1772 Interface
- IP 55(Plug)
- IP 67(control box)



Customized

- Coating Color



Material

- PC+PBT Alloy
- TPU/TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Input Plug

- Options



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-SM-16P-1	5001	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-T-SM-16P-3	5006	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-T-SM-32P-1	5013	32A	250V	3*6mm ² +2*0.5mm ²
AG-T-SM-32P-3	5018	32A	250V	3*6mm ² +2*0.5mm ²

SAE Model 2 Portable Charger

Current	16A/32A
Voltage	250V
Charging Standard	SAEJ1772

Protections

Over voltage Protection	Yes
Under vltage Protection	Yes
Earth leak Protection	Yes
Ground Protection	Yes
Over-temperature Protection	Yes
Over load Protection	Yes
Lightning Protection	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C~+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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SAE AC Charging Socket



Introduction

Conform to the provisions and requirements of SAE J1772 -2012.

Beautiful appearance , prevention cap can be installed on the left side, the right side or the front of it.

Reliable material ,flame retardant, pressure proof , wear - resisting , impact resistance, high oil proof .



Feature

- SAE Interface
- IP 44



Material

- PC+PBT Alloy
- Copper Alloy, Silver Plated

Cable Assembly

- Picture



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-SAE-S-16P	2007	16A	250V	3*2.5mm ² +2*0.5mm ²
AG-SAE-S-32P	2007	32A	250V	3*6mm ² +2*0.5mm ²

SAE AC Charging Socket

Current	16A/32A
Voltage	250V
Charging Standard	SAE J1772

Customization Options

Cable Length	Yes
Cable Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
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Type 1 Socket - GB/T Adaptor EV Charging Model 3



Introduction

Conform to the provisions and requirements of SAE J1772,GB/T 20234.2

Using riveting pressure process with none screw , have a beautiful appearance .Hand - held design conform to the ergonomic principle, easy plug.

XLPO for cable insulation prolonging the aging resistance life - span , TPU shenth improved the bending life and wear.

Applied double color coating technology, customize color.



Feature

- GB/T and SAE Interface
- IP 55
- Connect Charging Pile (Plug Version) and Electrical Vehicle



Material

- PC+PBT Alloy
- TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

Customized

- Coating Color



Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-T-GS-32P	2003	32A	250V	3*6mm ² +2*0.75mm ²

Type 1 Socket - GB/T Adaptor

Current	32A
Voltage	250V
Charging Standard	SAE J1772,GB/T 20234.2

Customization Options

Cable Length	Yes
Cable Color	Yes
Plug Color	Yes
Logo Printing	Yes

Mechanical Properties

Mechanical Life	No-load Plug>10000 times
Impact of External Force	1m Drop and 2t Vehicle Run Over
Flame Retardant Grade	UL94 V-0
Operating Temperature	-30°C-+50°C
Protection	IP55 IK08
Insertion Force	<100N

Electrical Performance

Insulation Resistance	>1000MΩ (DC500V)
Pins Temperature Rise	<50K
Withstand Voltage	2500V
Contact Impedance	0.5 MΩ MAX

Certificate

Certificate	TUV,CE, RoHS
-------------	--------------

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EV CHARGING INTERFACE

FAST RESPONSE FLEXIBILITY RELIABILITY



AG ELECTRICAL HOLD THE FUTURE

Accessories



GB/T DC Dummy Socket
Speed Code:1048



SAE AC Dummy Socket
Speed Code:2006



GB/T AC Dummy Socket
Speed Code:1046



IEC AC Dummy Socket



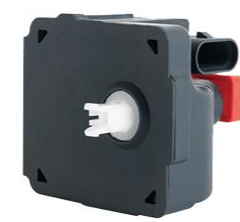
IEC AC Dummy Socket
Speed Code:3014



IEC DC Dummy Socket
Speed Code: 3028



Electronic Lock
Speed Code: 4022



Hella Actuator Lock
Speed Code: 4024

AG Certification System



ISO 9001 ISO 14001 OHSAS 18001

AG ELECTRICAL strictly implements IATF 16949 and ISO 9001 international quality management system. We have obtained TUV CE RoHS CCC ISO certificates. There are various charging interfaces and charging solutions in accordance with SAE J1772, GB/T20234, IEC 62196 and other standards, so as to apply to multiple brands of electric vehicles and charging stations. We have many years cable manufacture experiences and independent research, development and production of cables.

Customization is the most accepted competitive advantage of us from raw material to finished Industrial Products. Our products are exported to Europe, southeast Asia and other countries and regions, and has been recognized by users around the world.



AG team obtained the certification of TUV connectors and cables in January 2019, which means our products can officially enter into the European market.

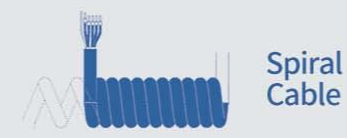
We have obtained the relevant certification of IATF 16949 by TUV SUD and are qualified to cooperate with most main engine plants.

3C certification is known as "China compulsory product certification", RoHS and "CE" marks are compulsory certification marks in the EU market, with irreplaceable importance. We can provide relevant documents if our clients ask for it.

This is an international system created within the International Electrotechnical Commission (IEC) for conformity assessment of electrical and electronic products and components.

The UKCA (UK Conformity Assessed) marking is the UK's replacement for the CE marking. It may be applied from Single Market Exit Day on 1 January 2021.

EV Charging Spiral Cable



Introduction

It is generally made of TPU cable. The power connection used to control the movement of mobile devices can rebound quickly in a short time. It is widely used in mobile devices such as automobiles, machines, instruments and so on. According to the direction, there are mainly left direction coil spring and right direction coil spring.



Feature

- Conform to the provisions and requirements of 62196-2 IEC 2010
- Flexibility and Elasticity
- Non-toxic and Environment-friendly polymer
- High strength, Wear resistance, Cold resistance, High temperature resistance
- Oil resistance, Water resistance, Aging resistance

Item	Outer diameter	Coiled Length	Cable Specifications
1	65±10MM	2750MM	5*6mm ² +2*0.5mm ²
2	50±10MM	3050MM	3*6mm ² +2*0.5mm ²
3	50±10MM	3050MM	5*2.5mm ² +2*0.5mm ²
4	45±10MM	2650MM	3*2.5mm ² +2*0.5mm ²

AG OEM/ODM Service

OEM: Original Equipment Manufacturing

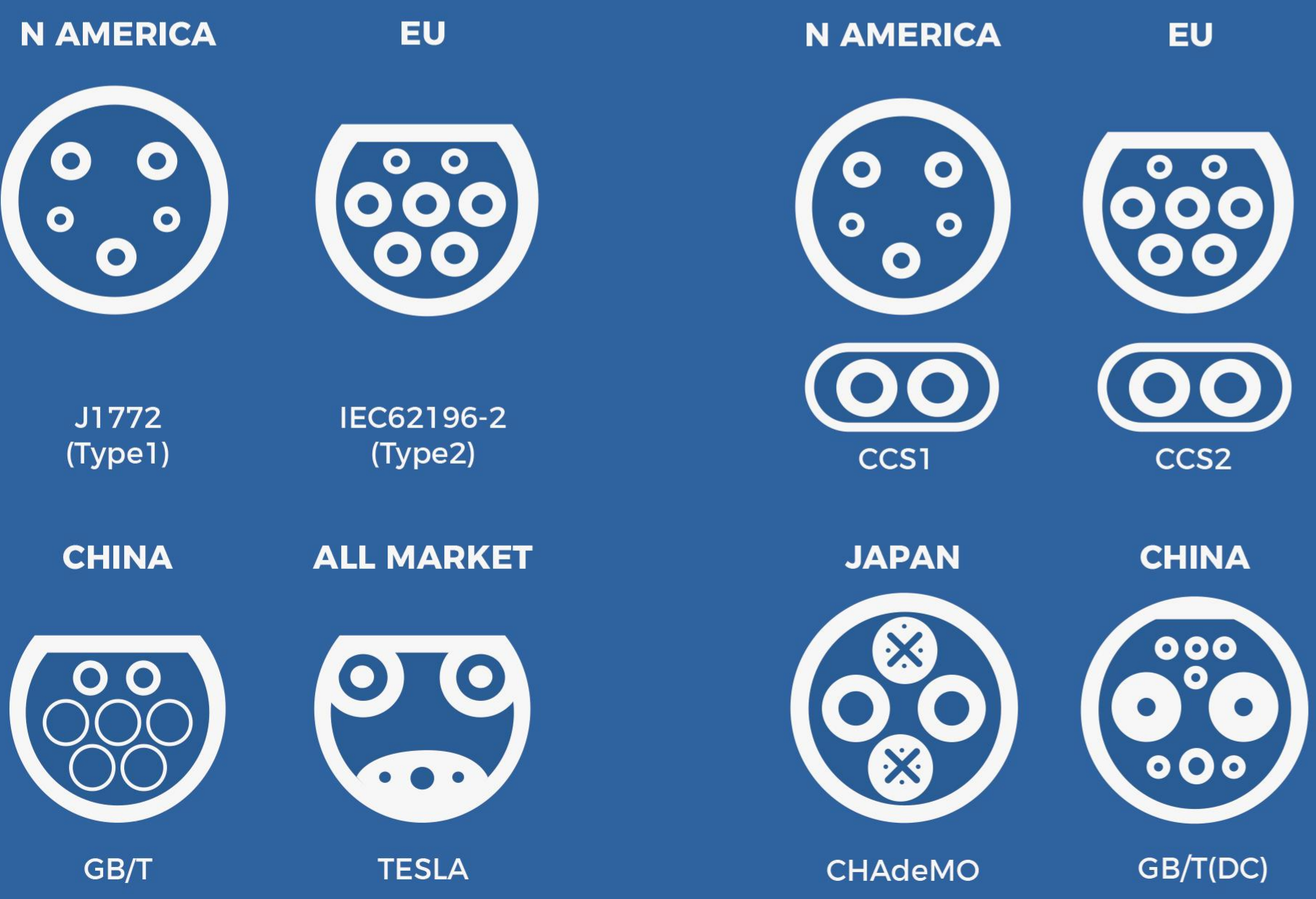
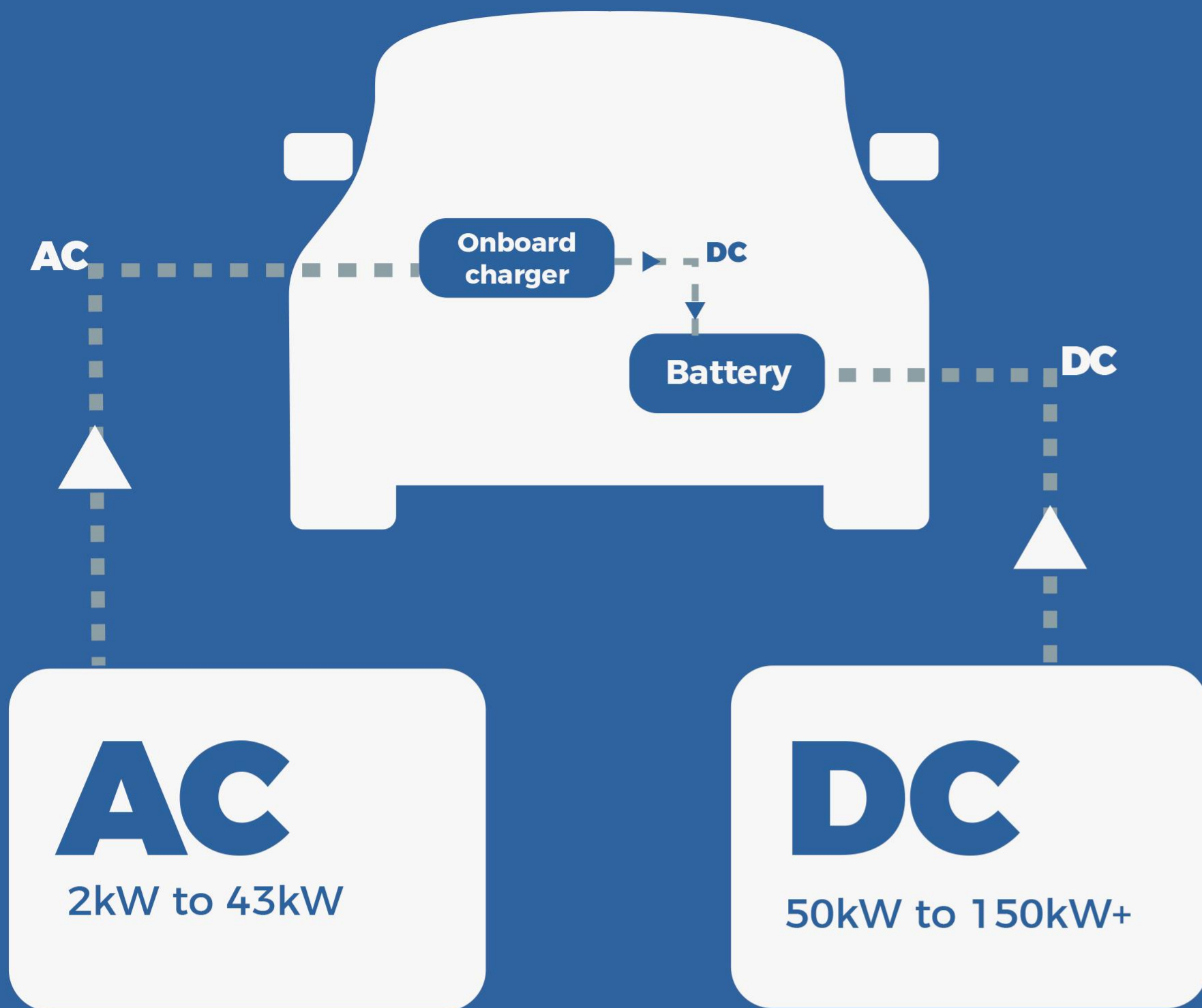
Refers to the production in accordance with your specific conditions, all design drawings are completely in accordance with the design of your company to carry out manufacturing processing. OEM includes color,length,logo,packing,etc

ODM: Original Design Manufacturer/Private Labeling

It Means that the importer selects an already-existing product design from a factory catalog, makes a few small changes and sells it under their own brand name. Changes can include things like packaging or product bundles, colors and branding, and some limited adjustments to components or functionality. ODM includes product appearance design,function setting,new product development,etc

We provide flexible customized services with our abundant experiences in kinds of OEM and ODM





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GLOBAL CERTIFIED SUPPLIER



OUTSTANDING QUALITY



FAST, FLEXIBLE AND RELIABLE



ADVANCED MATERIAL

COMPANY PROFILE

AG ELECTRICAL is founded in 2015 with the vision of serving renewable energy industry. AG ELECTRICAL has a research and development team of 50 people, focusing on Electric Vehicle Charging Interface, Engineering Design, and Supply Chain Integration. AG ELECTRICAL has established product line in accordance with IEC, SAE, GB/T standard.

AG ELECTRICAL handles independent R&D, Customize, Products Assembling. AG products are recognized by users all around the world.

The Vision of AG ELECTRICAL is to serve in the global Renewable energy industry through utilizing the most advanced technologies, scientifically analyzing our products performance, and by working with the pioneers, innovators, and key point leaders (KOLs) in the Renewable energy communities.

Our mission is to grow and develop our network via providing the highest quality EV components and services, that ultimately enhance people's lives through science and technology.

We deliver by fostering a work environment that values and rewards integrity, respect, and performance while contributing positively to the communities that we serve.

Certification system

