



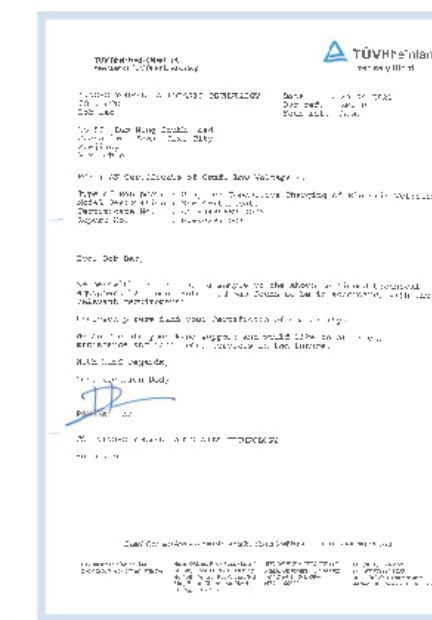
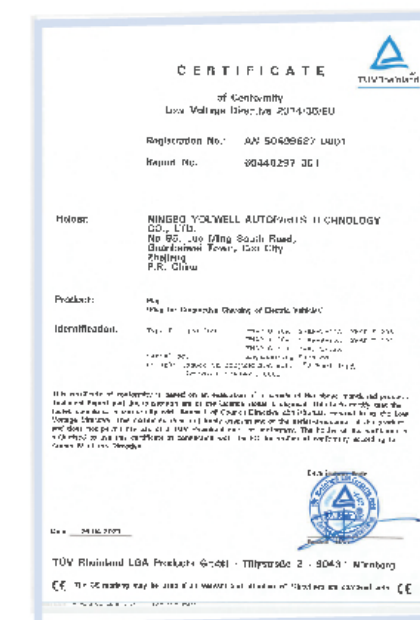
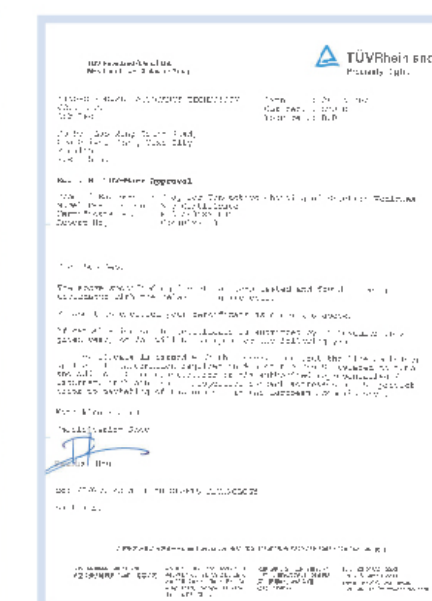
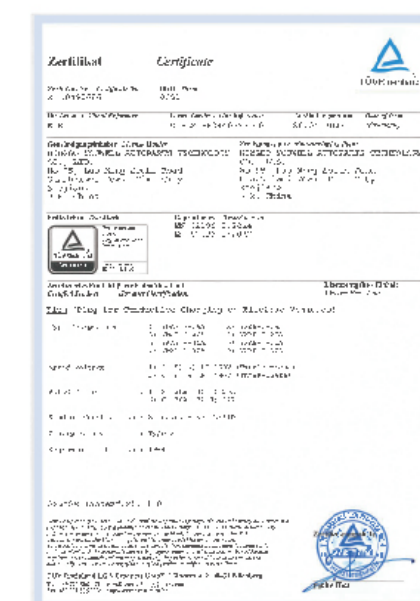
Ningbo Youwell AutoParts Technology Co., Ltd.

Address: No 95, Luo Ming South Road, Guanhaiwei Town, Cixi City, Zhejiang, China.
 Cellphone: +8613806645123 +8618958615176+8615921788435
 Telephone: +86-574-63636484+86-574-63635123
 Fax: +86-574-63636358+86-574-63635123
 website: www.yuyue-ev.com
 e-mail: byb@yuyue-ev.com sales@yuyue-ev.com
youwell@hotmail.com baoyebo@163.com

Dongjun Europe GmbH

Moehlenhoff 2B
 D-21109 Hamburg, Germany
 e-mail: info@dongjun.de
<http://www.dongjun.de>
 Tel.: +49 40 31792985
 Fax: +49 40 94790981
 Commercial Register: Hamburg HRB 118939
 USt-IdNr. DE278032191

Ningbo Youwell AutoParts Technology Co., Ltd.



Ningbo Youwell AutoParts Technology Co., Ltd.

Ningbo Youwell AutoParts Technology Co., Ltd. , mainly engaged in electric vehicle core parts system solutions. The main products are AC EV charger DC EV charger. electric vehicle socket, Wire Harness & Socket, brake disc, clutch facing, all kinds of mechanical brake materials and all kinds of automobile switches, etc. Youwell has been developed to produce "YOUWELLEV" "YOUYEEV" "YUYUEV" charger with independent intellectual property right, including product design, structure research and development.

The complete precision manufacturing service system, such as manufacturing, timely delivery, and so on, provides products and corresponding technical services for the world's leading customers by virtue of strong product R & D capability, efficient flexible manufacturing capability and good customer cooperation ability.

GB/T Portable EV Charger



Electrical Performance

- Rated current: 16A/32A (Single phase)
- Rated Power: 3.5KW/7KW
- Operation voltage: 250V
- Contact Resistance: 0.5mΩ Max
- Terminal temperature rise: <50K
- Insulation resistance: >500MQ (DC500V)
- Withstand voltage: 1500V

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop
- Coupled insertion force: 45N < F < 100N

Environmental Performance

- Operating temperature: -30℃ ~ +50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Control Box Function

- Leakage protection
- Overvoltage under-voltage protection
- Over load protection
- Ground protection
- Over-temperature protection

Type2 Portable EV Charger



Electrical Performance

- Rated current: 16A/32A (Single phase)
- Rated Power: 3.5KW/7KW
- Operation voltage: 250V
- Contact Resistance: 0.5mΩ Max
- Terminal temperature rise: <50K
- Insulation resistance: >500MQ (DC500V)
- Withstand voltage: 1500V

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop

Environmental Performance

- Operating temperature: -30℃ ~ +50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Control Box Function

- Leakage protection
- Overvoltage under-voltage protection
- Over load protection
- Ground protection
- Over-temperature protection

Type2 Charger



Electrical Performance

- Rated current: 16A/32A/63A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)
- Operation voltage: 250V/480V
- Terminal temperature rise: <50K
- Withstand voltage: 2000V

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop
- Coupled insertion force: 45N<F<100N

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Rated current	Cable specification	Remarks
16A Single phase	3X2.5MM ² +1X0.75MM ² TPU, φ 10.5/TPE, φ 13	Shell color:white/black/multi colour optional Cable color:black/orange/green optional
16A Three phase	5X2.5MM ² +1X0.75MM ² TPU, φ 13/TPE, φ 16.3	
32A Single phase	3X6MM ² +1X0.75MM ² TPU, φ 13/TPE, φ 16.3	
32A Three phase	5X6MM ² +1X0.75MM ² TPU, φ 16.3	
63A Three phase	5X16MM ² +1X0.75MM ² TPU, φ 23.2	

Type1 Charger



Electrical Performance

- Rated current: 15A~80A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)
- Operation voltage: 110V/240V
- Terminal temperature rise: <50K
- Withstand voltage: 2000V

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop
- Coupled insertion force: 45N<F<100N

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Rated current	Cable specification	Remarks
15A	3X14AWG+1X18AWGTPE, φ 11	Shell color:white/black/multi colour optional Cable color:black/orange/green optional
16A	3X2.5MM ² +1X0.75MM ² TPU, φ 10.5	
20A	3X12AWG+1X18AWGTPE, φ 15	
30A	3X10AWG+1X18AWGTPE, φ 16.3	
32A	3X6MM ² +1X0.75MM ² TPU, φ 13	
40A/50A	2X9AWG+10AWG+1X18AWGTPE, φ 18.6	
70A	2X7AWG+8AWG+1X18AWGTPE, φ 22.8	
80A	2X6AWG+8AWG+1X18AWGTPE, φ 23.2	

Type2-Type2



Electrical Performance

- Rated current: 16A/32A/63A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)
- Operation voltage: 250V/480V
- Terminal temperature rise: <50K
- Withstand voltage: 2000V

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop
- Coupled insertion force: 45N<F<100N

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Rated current	Cable specification	Remarks
16A Single phase	3X2.5MM ² +1X0.75MM ² TPU, φ 10.5/TPE, φ 13	Shell color:white/black/multi colour optional Cable color:black/orange/green optional
16A Three phase	5X2.5MM ² +1X0.75MM ² TPU, φ 13/TPE, φ 16.3	
32A Single phase	3X6MM ² +1X0.75MM ² TPU, φ 13/TPE, φ 16.3	
32A Three phase	5X6MM ² +1X0.75MM ² TPU, φ 16.3	
63A Three phase	5X16MM ² +1X0.75MM ² TPU, φ 23.2	

TYPE 2-TYPE1



Electrical Performance

- Rated current: 16A/32A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)
- Operation voltage: 110V/230V
- Terminal temperature rise: <50K
- Withstand voltage: 2000V

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop
- Coupled insertion force: 45N<F<100N

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Rated current	Cable specification	Remarks
15A Single phase	3X14AWG+1X18AWGTPE, φ 11	Shell color:black/white optional Cable color:black/orange/green optional
30A Single phase	3X10AWG+1X18AWGTPE, φ 16.3	
40A Single phase	2X9AWG+10AWG+1X18AWGTPE, φ 18.6	
50A Single phase	2X9AWG+10AWG+1X18AWGTPE, φ 18.6	
70A Single phase	2X7AWG+8AWG+1X18AWGTPE, φ 22.8	
80A Single phase	2X6AWG+8AWG+1X18AWGTPE, φ 23.2	

Type2-Type1



Electrical Performance

- Rated current: 16A/32A/63A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)
- Operation voltage: 250V
- Terminal temperature rise: <50K
- Withstand voltage: 2000V

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop
- Coupled insertion force: 45N<F<80N

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Rated current	Cable specification	Remarks
16A	3X2.5MM +1X0.75MM TPU, φ 10.5/TPE, φ 13	Shell color:white/black/multi colour optional Cable color:black/orange/green optional
32A	3X6MM ² +1X0.75MM ² TPU, φ 13/TPE, φ 16.3	
63A	3X13.3MM ² +1X0.75MM ² TPU, φ 23.2	

Type2 Socket

Vehicle



Station



Lock



Electrical Performance

- Rated current: 16A/32A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)
- Operation voltage: 250V/480V
- Terminal temperature rise: <50K
- Withstand voltage: 2000V

Mechanical Properties

- Mechanical life: no-load plugin/out >10000 times
- Coupled insertion force: 45N<F<80N

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Rated current	Cable specification	Remarks
16A Single phase	3X2.5MM +1X0.75MM TPU, φ 10.5/TPE, φ 13	Shell color:black Signal lamp:optional Lock:optional
16A Three phase	5X2.5MM ² +1X0.75MM ² TPU, φ 13/TPE, φ 16.3	
32A Single phase	3X6MM ² +1X0.75MM ² TPU, φ 13/TPE, φ 16.3	
32A Three phase	5X6MM ² +1X0.75MM ² TPU, φ 16.3	

Type1 Portable EV Charger



Electrical Performance

- Rated current: 16A/32A/40A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)
- Operation voltage: 110V/250V
- Terminal temperature rise: <50K
- Withstand voltage: 1500V

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop
- Coupled insertion force: 45N<F<100N

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Control Box Function

- Leakage protection
- Overvoltage under-voltage protection
- Over load protection
- Ground protection
- Over-temperature protection

Adapter



Electrical Performance

- Rated current: 16A/32A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)
- Operation voltage: 250V
- Terminal temperature rise: <50K
- Withstand voltage: 2000V

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Coupled insertion force: 45N<F<100N

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Rated current	Cable specification	Remarks
16A	3X2.5MM +2X0.5MM	Shell color:black
32A	3X6MM ² +2X0.5MM ²	

Type2 AC Charger Station

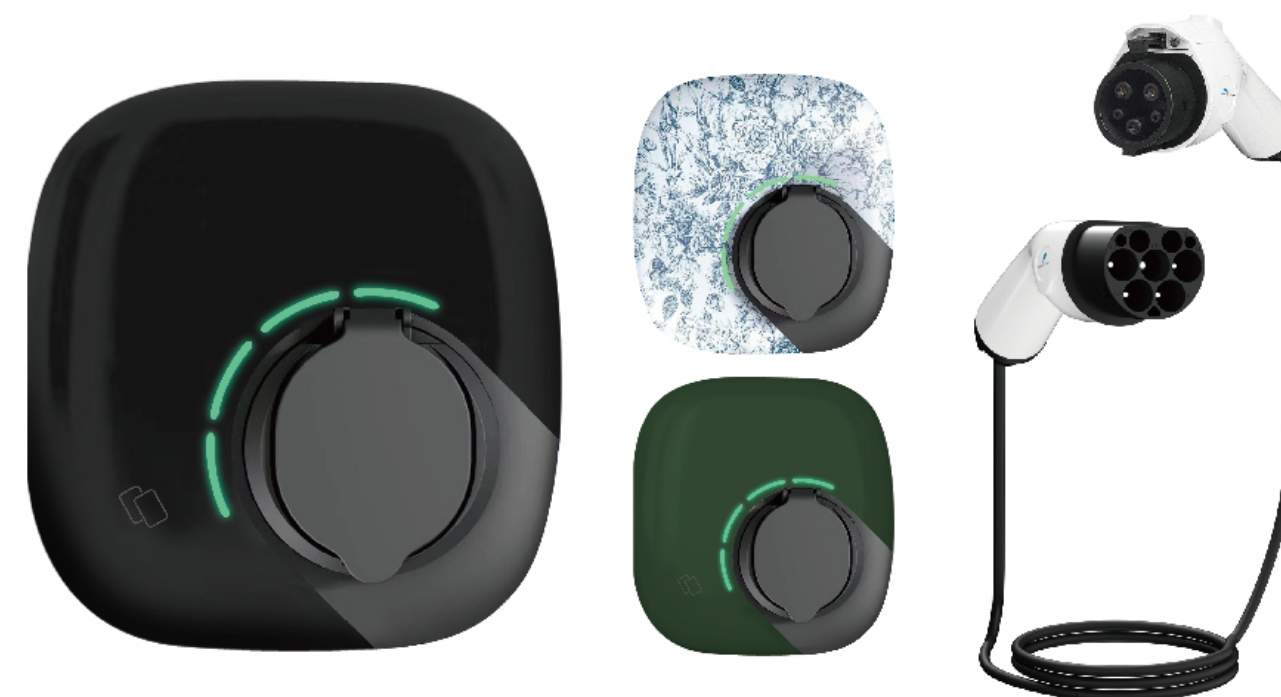


This product has exquisite appearance, small size, multi-function housing, ingenious anti-theft design and high integration, can be widely used in residential garage and other AC slow charging scene.

Datasheet	Model	IEC
		ZL-AC-IEC7000
Use case		Home/Personal use/Vehicle
Appearance and structure	Product attributes	Identification (swipe card)
	Product dimension(W*L*H)	180*59.5*253mm
	Installation	Wall mounted type/Column type
	Gross Weight	5kg(7KW),6kg(11KW),7kg(22KW)
	Cabling mode	Down in and out
	Cable Length	5m
Electrical performance	Functional design	LED light bar/display screen (optional)
	Rated Voltage	AC110V-220V ± 10%
	Frequency	50/60Hz
	Rated Power	3.5KW/7KW/11KW/22KW
	Maximum Current	YW-S-16A/YW-S-32A/YW-T-16A/YW-T-32A
	Applied environment	Indoor/outdoor
Safety	Ingress Protection	IP65
	Impact Protection	IK10
	Work Temperature	-30° C~+55°C
	Work Humidity	5% ~ 95%without any condensation
	Work Altitude	<2000M
	Electrical Protection	Over current protection,Residual current protection,Ground protection, Surge protection,Over/ Under voltage protection,Over/Under frequency protection,Over/Under temperature protection

*The logo and design printed on the products can be customized according to customer requirements.

Type1 AC Charger Station



This product has exquisite appearance, small size, multi-function housing, ingenious anti-theft design and high integration, can be widely used in residential garage and other AC slow charging scene.

Datasheet	Model	SAE
		ZL-AC-SAE7000
Use case		Home/Personal use/Vehicle
Appearance and structure	Product attributes	Identification (swipe card)
	Product dimension(W*L*H)	180*59.5*253mm
	Installation	Wall mounted type/Column type
	Gross Weight	5kg(7KW),6kg(9.6KW)
	Cabling mode	Down in and out
	Cable Length	5m
Electrical performance	Functional design	LED light bar/display screen (optional)
	Rated Voltage	AC110V-220V ± 10%
	Frequency	50/60Hz
	Rated Power	3.5KW/7KW/9.6KW
	Maximum Current	16A/32A/48A
	Applied environment	Indoor/outdoor
Safety	Ingress Protection	IP65
	Impact Protection	IK10
	Work Temperature	-30° C~+55°C
	Work Humidity	5% ~ 95%without any condensation
	Work Altitude	<2000M
	Electrical Protection	Over current protection,Residual current protection,Ground protection, Surge protection,Over/ Under voltage protection,Over/Under frequency protection,Over/Under temperature protection

*The logo and design printed on the products can be customized according to customer requirements.

Type2 AC Charger Station



This product has exquisite appearance, small size, multi-function housing, ingenious anti-theft design and high integration, can be widely used in residential garage and other AC slow charging scene.

Datasheet	Model	IEC
		ZL-AC-IEC7000
Use case		Home/Personal use/Vehicle
Appearance and structure	Product attributes	Identification (swipe card)
	Product dimension(W*L*H)	180*59.5*253mm
	Installation	Wall mounted type/Column type
	Gross Weight	5kg(7KW), 6kg(11KW), 7kg(22KW)
	Cabling mode	Down in and out
	Cable Length	5m
Electrical performance	Functional design	LED light bar/display screen (optional)
	Rated Voltage	AC110V-220V ± 10%
	Frequency	50/60Hz
	Rated Power	3.5KW/7KW/11KW/22KW
	Maximum Current	YW-S-16A/YW-S-32A/YW-T-16A/YW-T-32A
	Applied environment	Indoor/outdoor
Safety	Ingress Protection	IP65
	Impact Protection	IK10
	Work Temperature	-30° °C~+55°C
	Work Humidity	5% ~ 95%without any condensation
	Work Altitude	<2000M
	Electrical Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/ Under voltage protection, Over/Under frequency protection, Over/Under temperature protection

Type1 AC Charger Station



This product has exquisite appearance, small size, multi-function housing, ingenious anti-theft design and high integration, can be widely used in residential garage and other AC slow charging scene.

Datasheet	Model	SAE
		ZL-AC-SAE7000
Use case		Home/Personal use/Vehicle
Appearance and structure	Product attributes	Identification (swipe card)
	Product dimension(W*L*H)	180*59.5*253mm
	Installation	Wall mounted type/Column type
	Gross Weight	5kg(7KW), 6kg(9.6KW)
	Cabling mode	Down in and out
	Cable Length	5m
Electrical performance	Functional design	LED light bar/display screen (optional)
	Rated Voltage	AC110V-220V ± 10%
	Frequency	50/60Hz
	Rated Power	3.5KW/7KW/9.6KW
	Maximum Current	16A/32A/48A
	Applied environment	Indoor/outdoor
Safety	Ingress Protection	IP65
	Impact Protection	IK10
	Work Temperature	-30° °C~+55°C
	Work Humidity	5% ~ 95%without any condensation
	Work Altitude	<2000M
	Electrical Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/ Under voltage protection, Over/Under frequency protection, Over/Under temperature protection

Tesla Adapter/Plug

CCS1-T1



CCS1-T2



J1772 TO TESLA



TESLA TO J1772



CCS2-TSL.216



TESLA TO CCS1



Electrical Performance

- Rated current:16A/32A
- Contact Resistance:0.5mΩ Max
- Insulation resistance:>1000MQ(DC500V)

- Operation voltage:110V/250V AC
- Terminal temperature rise:<50K
- Withstand voltage:2000V

Mechanical Properties

- Mechanical life:no-load plug in/out >10000 times
- Coupled insertion force:45N<F<80N

Environmental Performance

- Operating temperature:-30℃--+50℃

Applied Materials

- Case material: thermoplastic,flame retardant grade UL94V-0
- Terminal: Copper alloy,silver plating

Tesla Adapter/Plug

Tesla-T1



T1-Tesla



T1-T2



T2-T1



T2-GB/T



T1-GB/T



Electrical Performance

- Rated current:16A/32A
- Contact Resistance:0.5mΩ Max
- Insulation resistance:>1000MQ(DC500V)

- Operation voltage:110V/250V AC
- Terminal temperature rise:<50K
- Withstand voltage:2000V

Mechanical Properties

- Mechanical life:no-load plug in/out >10000 times
- Coupled insertion force:45N<F<80N

Environmental Performance

- Operating temperature:-30℃--+50℃

Applied Materials

- Case material: thermoplastic,flame retardant grade UL94V-0
- Terminal: Copper alloy,silver plating

CCS1/CCS2 Charger



Electrical Performance

- Rated current: 63A–250A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Rated current	Cable specification	Remarks
63A/80A	2X16MM ² +16MM ² +3X2X0.75MM ² TPU, φ 26/TPE, φ 32	Shell color:white or black Cable color:black
125A	2X35MM ² +25MM ² +3X2X0.75MM ² TPU, φ 32/TPE, φ 34	
160A	2X50MM ² +25MM ² +3X2X0.75MM ² TPU, φ 34/TPE, φ 37	
200A/250A	2X70MM ² +25MM ² +3X2X0.75MM ² TPU, φ 37/TPE, φ 40	

Electrical Performance

- Operation voltage: 1000V
- Terminal temperature rise: <50K
- Withstand voltage: 3000V

- Coupled insertion force: 45N<F<100N

GB/T DC Charger



Electrical Performance

- Rated current: 50A–250A
- Contact Resistance: 0.5mΩ Max
- Insulation resistance: >500MQ(DC500V)

Mechanical Properties

- Mechanical life: no-load plug in/out >10000 times
- Impact of external force: can afford 1m drop

Environmental Performance

- Operating temperature: -30℃~+50℃

Applied Materials

- Case material: thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plating

Rated current	Cable specification	Remarks
50A/63A/80A	2*16+1*16+2*4+2P*(2*0.75)+7*0.75 φ 32TPE	Shell color:white or black Cable color:black
80A/100A	2*25+1*25+2*4+2P*(2*0.75)+7*0.75 φ 32TPE	
125A	2*35+1*25+2*4+2P*(2*0.75)+7*0.75 φ 34TPE	
160A/200A	2*50+1*25+2*4+2P*(2*0.75)+7*0.75 φ 37TPE	
200A/250A	2*70+1*25+2*4+2P*(2*0.75)+7*0.75 φ 40TPE	
250A	2*80+1*25+2*4+2P*(2*0.75)+7*0.75 φ 40TPE	

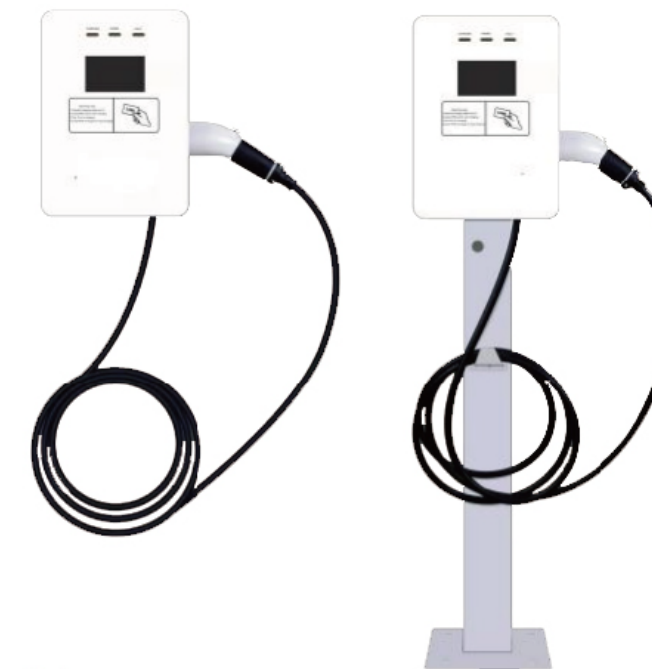
7kW&22kW AC charger



Product parameter description

Datasheet	Model	HSACK W01	HSAC22K W01
Input	Power Supply	1P+N+PE	3P+N+PE
	Rated Voltage	230V AC	400V AC
	Rated Current	32A	32A
	Frequency	50/60Hz	50/60Hz
Output	Output Voltage	230V AC	400V AC
	Maximum Current	32A	32A
	Rated Power	7kW	22kW
	Charge Connector	Type 2 socket	Type 2 socket
User Interface	Enclosure	Galvanized steel	Galvanized steel
	Front Panel	Temper glass	
	LED Indicator	Green/Yellow/Red	
	LCD Display	4.3 inch	
Communication	RFID Reader	Mifare ISO/IEC 14443A	
	Start Mode	Plug&Play/RFID card/App	
	Emergency Stop	No	
	WiFi	Yes	
Safety	Ethernet	Optional	
	3G/4G	Optional	
	OCPP	OCPP1.6 Json(OCPP 2.0 optional)	
	Energy Meter	NO	
Environment	RCD	30mA TypeA+6mA DC	
	Ingress Protection	IP55	
	Impact Protection	IK08	
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection	
Package	Certification	CE	
	Certification Standard	EN/IEC 61851-1: 2017, EN/IEC 61851-21-2:2018	
	Warranty	2 Years	
	Installation	Wall-mount/Pole-mount	
Safety	Work Temperature	-30℃~+50℃	
	Work Humidity	5%~95%	
	Work Altitude	<2000m	
	Product Dimension	313*246*100mm (H*W*D)	313*246*100mm (H*W*D)
Environment	Package Dimension	460*400*170mm (L*W*H)	460*400*170mm (L*W*H)
	Net Weight	3.5kg	4.0kg
	Gross Weight	4.0kg	4.5kg
	External Package	Carton	Carton

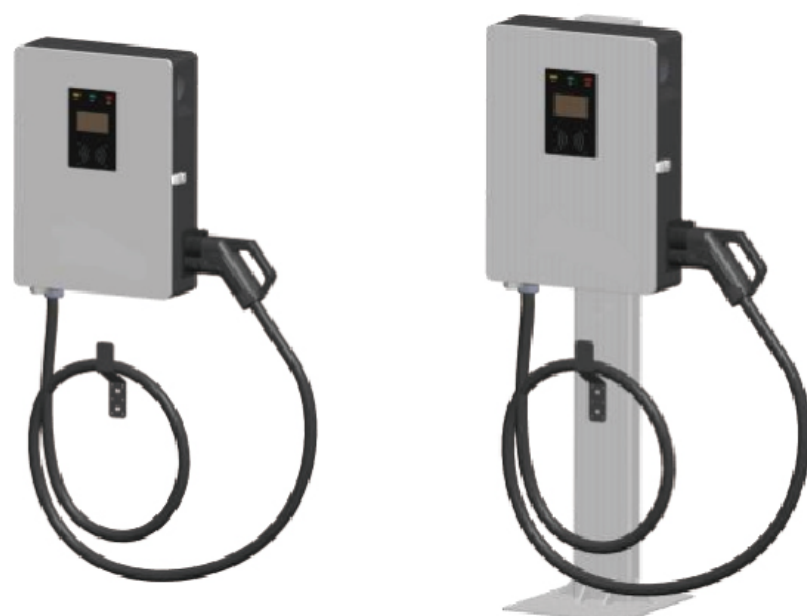
11kW AC charger



Product parameter description

Datasheet	Model	HSAC11KW01
Input	Power Supply	3P+N+PE
	Rated Voltage	400V AC
	Rated Current	16A
	Frequency	50/60Hz
Output	Output Voltage	400V AC
	Maximum Current	32A
	Rated Power	11kW
	Charge Connector	Type 2 socket
User Interface	Enclosure	Galvanized steel
	Front Panel	Temper glass
	LED Indicator	Green/Yellow/Red
	LCD Display	4.3inch
Communication	RFID Reader	Mifare ISO/IEC 14443A
	Start Mode	Plug&Play/RFID card/App
	Emergency Stop	No
	WiFi	Yes
Safety	Ethernet	Optional
	3G/4G	Optional
	OCPP	OCPP1.6 Json(OCPP 2.0 optional)
	Energy Meter	NO
Environment	RCD	30mA TypeA+6mA DC
	Ingress Protection	IP55
	Impact Protection	IK08
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
Package	Certification	CE
	Certification Standard	EN/IEC 61851-1: 2017, EN/IEC 61851-21-2:2018
	Warranty	2 Years
	Installation	Wall-mount/Pole-mount
Safety	Work Temperature	-30℃~+50℃
	Work Humidity	5%~95%
	Work Altitude	<2000m
	Product Dimension	313*246*100mm (H*W*D)
Environment	Package Dimension	460*400*170mm (L*W*H)
	Net Weight	4.0kg
	Gross Weight	4.5kg
	External Package	Carton

20kW DC charger Specification Parameters



Product parameter description

Datasheet	Model	HSDC20750
Input	Power Supply	3P+N+PE
	Rated Voltage	400V AC
	Frequency	50/60Hz
Output	Output Voltage	200~750V AC
	Maximum Current	50A
	Rated Power	20kW
User Interface	Charge Connector	CCS 2 cable
	Cable Length	5 m
	Enclosure	Galvanized steel
User Interface	LED Indicator	Green/Yellow/Red
	LCD Display	4.3 inch
	RFID Reader	Mifare ISO/IEC 14443 A
Safety	Start Mode	Plug & Charger/RFID card
	Emergency Stop	Yes
	Energy Meter	MID certified
Safety	RCD	Type A
	Ingress Protection	IP 54
	Impact Protection	IK08
Safety	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Certification	CE
	Certification Standard	EN/IEC 61851-1:2017, EN/IEC 61851-23:2014
Environment	Warranty	2 years
	Installation	Wall-mount
	Cooling Method	Fan cooling
Environment	Noise	≤60dB
	Work Temperature	-30℃~+50℃
	Work Humidity	5%~95%
Package	Work Altitude	<2000m
	Product Dimension	600*410*156mm(H*W*D)
	Package Dimension	815*525*390mm(L*W*H)
Package	Net Weight	38kg
	Gross Weight	41kg
	External Package	Carton

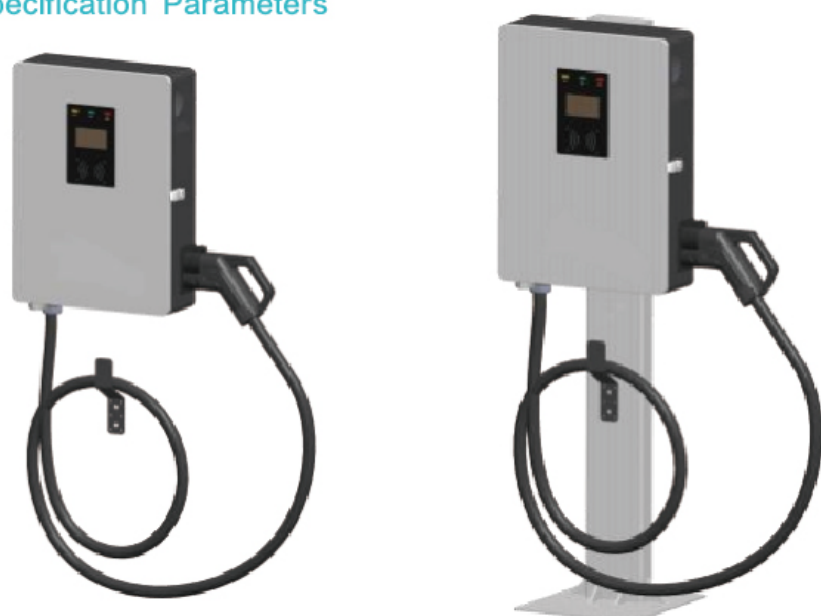
30kW DC charger Specification Parameters



Product parameter description

Datasheet	Model	HSDC301000
Input	Power Supply	3P+N+PE
	Rated Voltage	400V AC
	Frequency	50/60Hz
Output	Output Voltage	200~1000V DC
	Maximum Current	250A
	Rated Power	30kW
User Interface	Charge Connector	CCS2 cable
	Cable Length	5m
	Enclosure	Galvanized steel
User Interface	LED Indicator	Green/Yellow/Red
	LCD Display	4.3inch
	RFID Reader	Mifare ISO/IEC 14443A
Safety	Start Mode	Plug&Charger/RFID card
	Emergency Stop	Yes
	Energy Meter	MID certified
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK08
Safety	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Certification	CE
	Certification Standard	EN/IEC 61851-1:2017, EN/IEC 61851-23:2014
Environment	Warranty	2 years
	Installation	Wall-mount
	Cooling Method	Fan cooling
Environment	Noise	≤60dB
	Work Temperature	-30℃~+50℃
	Work Humidity	5%~95%
Package	Work Altitude	<2000m
	Product Dimension	660*480*158mm(H*W*D)
	Package Dimension	845*855*390mm(L*W*H)
Package	Net Weight	42kg
	Gross Weight	45kg
	External Package	Carton

40kW DC charger Specification Parameters



Product parameter description

Datasheet	Model	HSDC401000
Input	Power Supply	3P+N+PE
	Rated Voltage	400V AC
	Frequency	50/60Hz
Output	Output Voltage	100~1000V DC
	Maximum Current	133.3A
	Rated Power	40kW
User Interface	Charge Connector	CCS2 cable
	Cable Length	5m
	Enclosure	Galvanized steel
User Interface	LED Indicator	Green/Yellow/Red
	LCD Display	4.3inch
	RFID Reader	Mifare ISO/IEC 14443A
Safety	Start Mode	Plug&Charger/RFID card
	Emergency Stop	Yes
	Energy Meter	MID certified
Safety	RCD	TypeA
	Ingress Protection	IP54
	Impact Protection	IK08
Safety	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Certification	CE
	Certification Standard	EN/IEC 61851-1:2017, EN/IEC 61851-23:2014
Environment	Warranty	2 years
	Installation	Wall-mount
	Cooling Method	Fan cooling
Environment	Noise	= 60dB
	Work Temperature	-30℃~+50℃
	Work Humidity	5%~95%
Package	Work Altitude	<2000m
	Product Dimension	660*480*156mm (H*W*D)
	Package Dimension	845*655*390mm (L*W*H)
Package	Net Weight	50kg
	Gross Weight	53kg
	External Package	Carton

40kW/60kW DC charger



Product parameter description

Datasheet	Model	HSDC401000D	HSDC601000D
Input	Power Supply	3P+N+ PE	
	Rated Voltage	400V AC	
	Frequency	50/60 Hz	
Output	Output Voltage	200~1000V DC	
	Maximum Current	Type 2 socket	
	Rated Power	133.3A	/
User Interface	Charge Connector	40kW	60kW
	Cable Length	CCS2+CCS2	
	Enclosure	5m	
User Interface	LED Indicator	Galvanized steel	
	LCD Display	Green/Yellow/Red	
	RFID Reader	7.0inch	
Safety	Start Mode	Mifare ISO/IEC 14443A	
	Emergency Stop	Plug&Charger/RFID card	
	Energy Meter	Yes	
Safety	RCD	MID certified	
	Ingress Protection	TypeA	
	Impact Protection	IP54	
Safety	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection	
	Certification	CE	
	Certification Standard	EN/IEC61851-1: 2017, EN/IEC 61851-23:2014	
Environment	Warranty	2 years	
	Installation	Wall-mount	
	Cooling Method	Fan cooling	
Environment	Noise	= 60dB	
	Work Temperature	-30℃~+50℃	
	Work Humidity	5%~95%	
Package	Work Altitude	<2000m	
	Product Dimension	660*480*156mm (H*W*D)	
	Package Dimension	845*655*390mm(L*W*H)	
Package	Net Weight	50kg	
	Gross Weight	53kg	
	External Package	Carton	

60kW/80KW DC charger



Product parameter description

Datasheet	Model	HSDC601000	HSDC801000
Input	Power Supply	3P+N+ PE	
	Rated Voltage	400V AC	
	Frequency	50/60Hz	
Output	Output Voltage	200~1000V DC	
	Maximum Current	250A	
	Rated Power	200A	250A
User Interface	Charge Connector	60kW	80kW
	Cable Length	CCS2	
	Enclosure	5m	
User Interface	LED Indicator	Galvanized steel	
	LCD Display	Green/Yellow/Red	
	RFID Reader	7.0inch	
Safety	Start Mode	Mifare ISO/IEC 4443A	
	Emergency Stop	Plug&Charger/RFID card	
	Energy Meter	Yes	
Environment	RCD	MID certified	
	Ingress	Type A	
	Protection	IP54	
Package	Impact Protection	IK08	
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection	
	Certification	CE	
Environment	Certification Standard	EN/IEC 61851-1: 2017, EN/IEC 61851-23:2014	
	Warranty	2years	
	Installation	Floor-stand	
Package	Cooling Method	Fancooling	
	Noise	=60dB	
	Work Temperature	-30℃~50℃	
Environment	Work Humidity	5%~95%	
	Work Altitude	<2000m	
	Product Dimension	1600*600*200mm(H*W*D)	
Package	Package Dimension	870*816*1800mm(L*W*H)	
	Net Weight	160kg	
	Gross Weight	200kg	
Environment	External Package	Wood case	

120kW&160kW DC charger



Product parameter description

Datasheet	Model	HSDC1201000	HSDC1601000
Input	Power Supply	3P+N+PE	
	Rated Voltage	400V AC	
	Frequency	50/60 Hz	
Output	Output Voltage	200~1000V DC	
	Maximum Current	250A	
	Rated Power	40kW	60kW
User Interface	Charge Connector	CCS2	
	Cable Length	5m	
	Enclosure	Galvanized steel	
User Interface	LED Indicator	Green/Yellow/Red	
	LCD Display	7" color touch screen	
	RFID Reader	Mifare ISO/IEC 14443 A	
Communication	Start Mode	Plug&Play/RFID card/App	
	Emergency Stop	Yes	
	POS Terminal	Optional	
Electrical Parameter	WiFi	Yes	
	Ethernet	Yes	
	3G/4G	Yes	
Safety	OCPP	OCPP 1.6Json(OCPP 2.0 optional)	
	Efficiency	Max95%	
	Power Factor	≥0.99@50%~100%loading	
Environment	THD	≤5%@100%loading	
	Ripple Factor	≤±1%	
	Energy Meter	MID certified	
Package	RCD	Type A	
	Ingress Protection	IP54	
	Impact Protection	IK08	
Safety	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection	
	Certification	CE	
	Certification Standard	EN/IEC 61851-1:2017, EN/IEC 61851-23:2014	
Environment	Warranty	2years	
	Installation	Floor-stand	
	Cooling Method	Fan cooling	
Package	Noise	≤60 dB	
	Work Temperature	-30℃~+50℃	
	Work Humidity	5%~95%	
Environment	Work Altitude	<2000m	
	Product Dimension	750*450*1700mm (W*D*H)	
	Package Dimension	1020*670*1900mm (L*W*H)	
Package	Net Weight	220kg	250kg
	Gross Weight	260kg	290kg
	External Package	Wood case	

Switch

GM-5130 Combination Switch  Chevrolet Equinox (06-05) Pontiac Torrent (06) Saturn L100 (02) Saturn L200 (03-02) Saturn L300 (05-02) Saturn LW200 (03-02) Saturn LW300 (03-02) Saturn Vue (07-02) 15251096 22729563	GM-9767 Window switch  Chevrolet Colorado (10-04) GMC Canyon (11-04) Hummer H3 (09-06) Hummer H3T (09) Isuzu 08-06 25779767	GM-5812 Power Window Switch  Cadillac Escalade 2002 Chevrolet Avalance 1500 2002 Chevrolet Avalance 2500 2002 Chevrolet Silverado 1500 HD (02-01) Chevrolet Silverado 2500 HD (02-01) Chevrolet Silverado 3500 (02-01) Chevrolet Suburban 1500 (02-00) Chevrolet Suburban 2500 (02-00) Chevrolet Tahoe (02-00) GMC Sierra 1500 HD (02-01) GMC Sierra 2500 HD (02-01) GMC Sierra 3500 (02-01) GMC Yukon (02-00) GMC Yukon XL 1500 (02-00) GMC Yukon XL 2500 (02-00) 15062650, 19259961 15720127, 15746570 D7074C, D7047C Terminal Type: 9 Blade	NS-T10A Window Switch  Nissan Armada (07-05) Nissan Pathfinder (04) Nissan Titan (10-04) 25401-2T10A 25401-7S200 25401-7S201 25401-7J30A Terminal Quantity:19
NS-D02D Power Window Switch  Infanifi G35 06-05 25401-CD02D Terminal Quantity:16	TY-1407 Power Window Switch  Toyota Camry (09-07) Toyota Tacoma (13) Toyota Yaris (10-07) 84820-06070, 8482006071 8482033270, 8482052250 8482052310 Terminal Quantity:15	GM-5129 Power Window Switch  Chevrolet HHR (10-08) Chevrolet Silverado 1500 (11-07) Chevrolet Silverado 2500 HD (11-08) Chevrolet Silverado 3500 HD (11-07) Chevrolet Traverse (16-09) GMC Sierra 1500 (10-08) GMC Sierra 2500 HD (10-08) GMC Sierra 3500 HD (10-07) 20945129 25951963 25789692	TY-6208 Remote Mirror Switch  Pontiac Vibe (10-03) Scion TC 07-05 Toyota Avalon 06-05 Toyota Corolla 06-03 Toyota Highlander 06-01 Toyota Matrix 06-03 Toyota Prius 06-04 84872-52030
HD-1061 Power Window Switch  Honda Accord (07-05) LX 35750-SDA-A03 35750-SDA-A04 35750-SDA-A05 Terminal Quantity:23	HD-S453 Power Window Switch  Honda Ridgeline (13), (10-06) 35750-SJC-A02ZC 35750-SJC-A03ZC 35750-SJC-A04ZC Terminal Quantity:23	HD-AA02 Power Window Switch  Honda Civic (10-06) 35760-SNA-A02 35760-SNA-A12DA 35760-SNA-A11 35760-SNA-A13 35760-SNA-A131M1	BW-S860 Power Window Switch  Porsche Cayenne (15), (13) Porsche Panamera (13), (10) 7PP 959 858 R DML 7PP 959 858 HDML 7PP 959 858 KDML 7PP959858AFDM Terminal Quantity:13
BW-S860 Power Window Switch  Mercedes-Benz GL320 (09) Mercedes-Benz GL450 (09) Mercedes-Benz GL550 (09) Mercedes-Benz R320 (09) Mercedes-Benz R350 (09) 251 830 05 90 Terminal Quantity:3	VW-8007 Turn Signal Switch  Volkswagen Beetle (10-98) Volkswagen Golf (05-99) Volkswagen Jetta (05-99) Volkswagen Passat (05-99) 8L0 953 513G 01C 8L0 953 513 01C 8L0 953 513G	VW-8060 Power Window Switch  Volkswagen Golf (06-04) Volkswagen Jetta (05-04) Volkswagen Passat (05-04) 1J4 959 857D 1J4 959 857B 1J4959857	VW-8023 Headlight Switch  Volkswagen Beetle (10-98) Volkswagen GTI (14) Volkswagen Golf (14), (10), (07-99) Volkswagen Jetta (06-99) Volkswagen Passat (05-01) 1C0 941 531B
VW-8088 Ignition Starter Switch  Audi A4 (08-98) Audi A4 Quattro (08-98) Audi A6 (04-98) Audi A6 Quattro (04-98) Audi A8 (05-98) Audi A8 Quattro (05-98) Audi RS4 (04-97) Audi RS8 (04-03) Audi S4 (08-07) Audi S8 (03-02) Audi S8 (03-01) Audi T1 (08-00) Audi TT Quattro (08-00) Porsche 911 (04) Porsche Boxster (04) Porsche Carrera GT (05-04) SsangAlgora (08-02) Volkswagen Beetle (10-98) Volkswagen Beetle Cabrio (10) Volkswagen Golf (07-99) Volkswagen GTI (07) Volkswagen Jetta (11-99) Volkswagen Jetta (09-00) Volkswagen Jetta (09-99) Volkswagen Polo (06-03) Volkswagen Polo (11-00) Volkswagen Sedan (04-98) Volkswagen Sharan (08-02) 480 905 849	KA-S148 Power Window Switch  Kia Spectra (06-02) 93570-2F200-GW Terminal Quantity:14+7	BZ-1047 Power Window Master Control Switch  Mercedes-Benz ML320 (03-98) Mercedes-Benz ML430 (01-99) Mercedes-Benz ML500 (03-02) Mercedes-Benz ML55 AMG (03-00) 1638206610	FL-9008 Window Control Switch  Freightliner Columbia 2010-03 A06-30769-008
IS-5420 Power Window Switch  Isuzu Rodeo 98-04 8-97206479-0 8-97225542-0	HD-4A11 Power Window Switch  Honda Accord (97-94) 35750SV1A01 35750SV1A02 35750SV4A11 83570SV48002B 35750-SM4-A112C	HD-3359 Power Window Switch  Honda CR-V (06-02) 35750-S9A305 35750-S9A-C01ZA 35750-S9A-C03ZA 35750-S9A-C05ZA	TY-3516 Window Switch  Toyota 4Runner 91-89 Toyota Camry 94 Toyota MR3 93-91 Toyota Pickup 93-89 Toyota Tacoma 95 84820

Cable



Rated current	Cable specification	Diameter	Colour	Remarks
16A 1 phase	3X2.5MM ² +1X0.75MM ²	TPU φ 10.5mm, TPE φ 13mm	Black / Orange Green / Blue	Accept custom made
16A phase	5X2.5MM ² +1X0.75MM ²	TPU φ 13mm, TPE φ 16.3mm		
32A 1 phase	3X6MM ² +1X0.75MM ²	TPU φ 13mm, TPE φ 16.3mm		
32A 3phase	5X6MM ² +1X0.75MM ²	TPU φ 16.3mm, TPE φ 18mm		

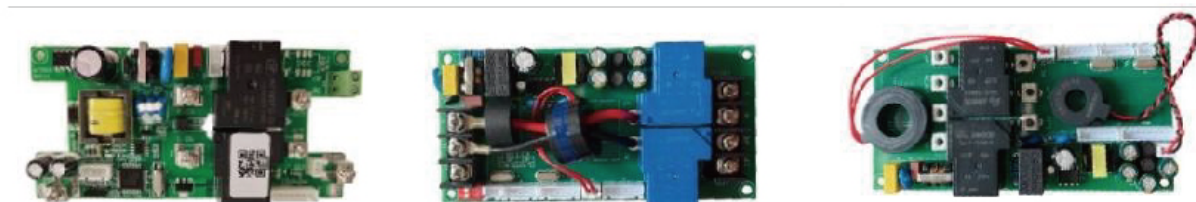
Plug



Plug pin



Control board



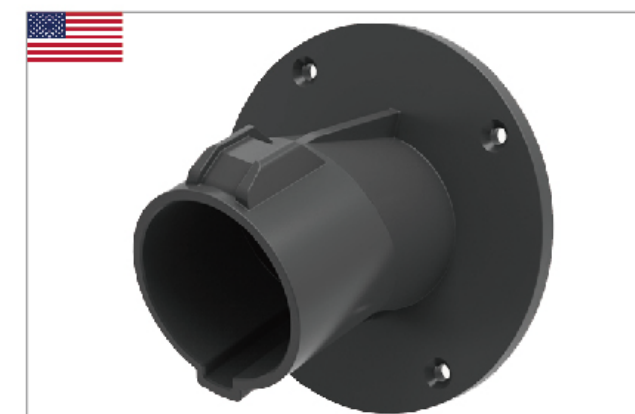
Socket



FAAC-V-03-01AH

Inflammability class

UL94V-0



FAAC-V-03-02AH

Inflammability class

UL94V-0



FEAC-V-03-01AH

Inflammability class

UL94V-0



FEAC-V-03-02AH

Inflammability class

UL94V-0

Partnership

