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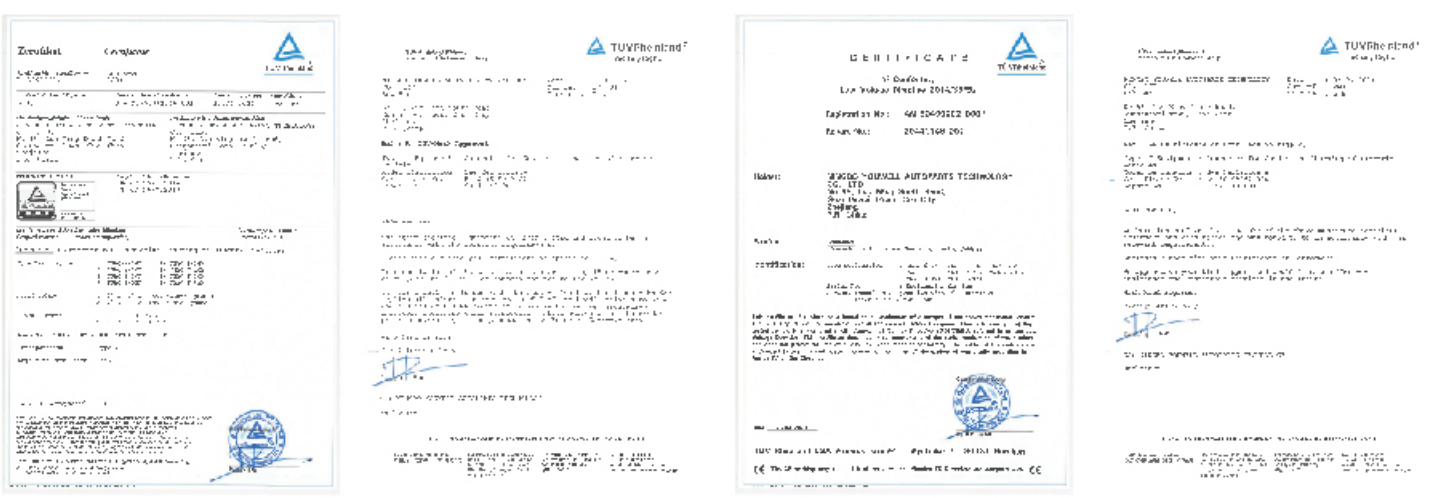
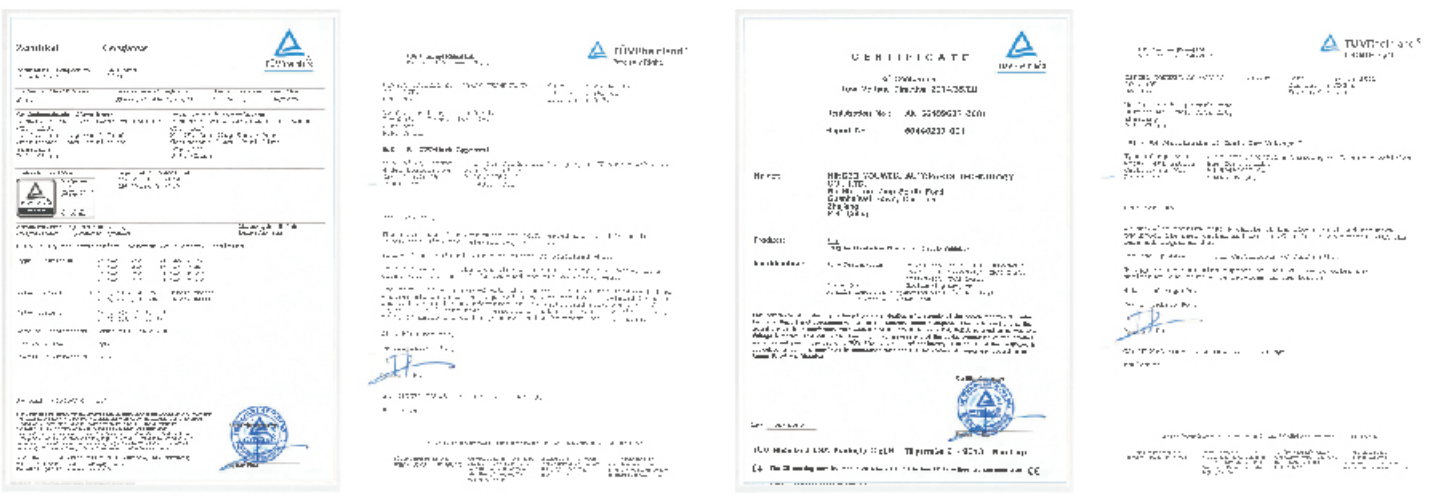
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Ningbo Youwell AutoParts Technology Co., Ltd. , mainly engaged in electric vehicle core parts system solutions. The main products are AC EV charger DC EV charger. electric vehicle socket, Wire Harness & Socket, brake disc, clutch facing, all kinds 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 Mode 2 AC Vehicle connector equips with multiple functions-such as charging control, charging status surveillance, alarming, display etc. convenient and safe charging is available for individual users.

Product characteristics

- Tight lock and misoperation prevention functions is available for charging interface.
- Portable type, installment free, plug and play, convenient charging by automatic reconnection
- AC 8A, 13A, 16A is optional.
- Temperature Monitor, Safe Charging.
- Multicolor LED indication lights.

The product definition

Standard	GB/T20234.2-2015 GB/T 18487.1-2015
Charging Mode	2
Connection Manner	B
Current Type	AC
Housing Color	White
Cable color	Black

Mechanical Performance

Insertion Pullout Times	>10000 times
Insertion Pullout Force	<100N
Withstanding Impact Force	Charger can sustain fall from 1 meter height and crush by 2 tons vehicle

Ambient Condition

Ambient Temperature (working)	-30~50℃
Ambient Temperature (storage)	-40~80℃
Max Altitude	≤2000M
Ingress Protection	IP55(working condition)

Electrical Parameter

Rated Current	8A, 13A, 16A
Rated Voltage	220V AC
Power Pin Number	3(L,N,PE)
Signal Pin Number	2(CC,CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ 500V DC 1min
Temperature Monitor	1*PT1000

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Cable Configuration

Specification	YUAC-S-013A-VB-YY-5.0M-XXAH	Current	13A	Cable Configuration	3x2.5mm ² +0.75mm ²
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Note: Cable length according to client request.



Electric Vehicle DC Charger, configuration of vehicles connector and customized cable. DC Fast Charging for EV GB/T Vehicle socket, installed in EVSE.

Product characteristics

Attractive appearance, ergonomics handle design, comfortable handle feeling.
 Temperature monitor function available to ensure a safer charging.
 Safe insulation design for plug to prevent accidental electric shock
 Excellent protection performance, reliable material.

The product definition

Standard	GB/T20234.3-2015
Charging Mode	4
Connection Manner	C
Current Type	DC
Housing Color	White
Cable color	Black

Ambient Condition

Ambient Temperature (working)	-30~50℃
Ambient Temperature (storage)	-40~80℃
Max Altitude	5000M
Ingress Protection	IP55(working condition) IP54 (with protective cover)

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PC
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion Pullout Times	>10000 times
Insertion Pullout Force	<140N
Withstanding Impact Force	Affordable 1 meter height fall or ton car run over pressure 125A,250A

Electrical Parameter

Rated Current	750V/1000V
Rated Voltage	3(PE,DC+,DC-)
Signal Pin Number	4(S+S-, CC1 CC2)
Signal Pin Current	2A
Insulation Resistance	≥5m,500 DC
Temperature Monitor	2PT 1000
Electromagnetic Lock driven Voltage	DC12V
Electromagnetic Lock Power	12W(DC12V)
Electromagnetic Lock Work Time	600ms

Cable Configuration

Specification	Current	Cable Configuration
YUDC-T-125a-v-03-5.0M-XXAH	125A	2x35mm ² +1x25mm ² +2x4.0mm ² +2P(2x0.75mm ²)+P(7x1.0mm ²)
YUDC-T-125a-v-03-5.0M-XXAH	250A	2x80mm ² +1x25mm ² +2x4.0mm ²

Note: Cable length according to client request.



Vehicle Side: Electric Vehicle AC Charger, configuration of vehicles connector and customized cable. AC Fast Charging for EV GB/T Vehicle socket, installed in EVSE.
 Vehicle Side+Power Supply Side: Electric Vehicle AC Charger with portable cable, configuration of vehicles connector and power supply plug. AC Fast Charging for EV GB/T Vehicle socket and Power Supply Socket.

Product characteristics

Attractive appearance, ergonomics handle design, comfortable handle feeling.
 Temperature monitor function available to ensure a safer charging.
 Safe insulation design for plug to prevent accidental electric shock.
 Excellent protection performance, reliable material.

The product definition

Standard	GB/T20234.2-2015
Charging Mode	3
Connection Manner	B,C
Current Type	AC
Housing Color	White
Cable color	Black

Ambient Condition

Ambient Temperature (working)	-30~50℃
Ambient Temperature (storage)	-40~80℃
Max Altitude	5000M
Ingress Protection	IP55(working condition) IP54 (with protective cover)

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion Pullout Times	>10000 times
Insertion Pullout Force	<100N
Withstanding Impact Force	Charger can sustain fall from 1 meter height and crush by 2 tons vehicle

Electrical Parameter

Rated Current	16A,32A
Rated Voltage	220V/440V
Power Pin Number	3(L,N,PE) 5(L1,L2,L3,N,PE)
Signal Pin Number	2(CC,CP)
Signal Pin Current	2A

Cable Configuration

Specification	Current	Cable Configuration
YUAC-S-016A-X-XX-X.XM-XXAH	16A	3x2.5mm ² +1x0.75mm ²
YUAC-S-032A-X-XX-X.XM-XXAH	32A	3x6mm ² +2x0.75mm ²
YUAC-T-032A-X-XX-X.XM-XXAH	32A	5x6mm ² +2x0.75mm ²

Note: Cable length according to client request.



Vehicle Side: GB/T AC Vehicle socket, Guaranteed for more than 10,000 times of insertion and pullout, modular design, support for installation in front of the board, emergency mechanical unlocking structure for easy start, with temperature monitoring function.

Product characteristics

Modular design supports front panel installation.
Temperature monitoring function, safer charging
Superior protection performance, reliable material.

The product definition

Standard	GB/T20234.3-2015
Charging Mode	3
Connection Manner	B
Current Type	AC
Housing Color	Black
Cable color	Black

Ambient Condition

Ambient Temperature (working)	-30~50℃
Ambient Temperature (storage)	-40~80℃
Max Altitude	5000M
Ingress Protection	IP55(working condition) IP54 (with protective cover)

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion Pullout Times	>10000 times
Insertion Pullout Force	<100N

Electrical Parameter

Rated Current	16A,32A
Rated Voltage	250V/440V
Number of Power Socket	3(L,N,PE) 5(L1,L3,N,PE)
Signal Pin Number	2(CC,CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ
Temperature Monitor	PT1000
Electromagnetic Lock driven Voltage	DC12V
Electromagnetic Lock Power	9W
Electromagnetic Lock Work Time	200ms

Cable Configuration

Specification	Current	Cable Configuration
YUAC-S-16A-V-03-0.0M-XXAH	16A	3x2.5mm ² +2x0.75mm ²
YUAC-S-16A-V-03-0.0M-XXAH	32A	3x6mm ² +2x0.75mm ²
YUAC-T-16A-V-03-0.0M-XXAH	32A	6x6mm ² +2x0.75mm ²



GB/T DC vehicle charging socket, suitable for direct current (DC) charging, used in electric vehicles (EV), and used in conjunction with the GB/T DC EV Charger.

Product characteristics

Modular design supports front panel installation.
Temperature monitoring function, safer charging
Superior protection performance, reliable material.

The product definition

Standard	GB/T20234.3-2015
Charging Mode	4
Connection Manner	C
Current Type	DC
Housing Color	Black
Cable color	Black

Ambient Condition

Ambient Temperature (working)	-30~50℃
Ambient Temperature (storage)	-40~80℃
Max Altitude	5000M
Ingress Protection	IP54 (with protective cover)

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion Pullout Times	>10000 times
Insertion Pullout Force	<100N
Withstanding Impact Force	Charger can sustain fall from 1 meter height and crush by 2 tons vehicle

Electrical Parameter

Rated Current	125A,250A
Rated Voltage	750V/1000V
Number of Power Socket	3(DC+,DC-,PE)
Signal Pin Number	6(A+,6-,CC1,CC2,S+,S-)
Signal Pin Current	20A(A+,A-)2A(CC1,CC2,S+,S-)
Insulation Resistance	≥5MΩ
Temperature Monitor	PT1000

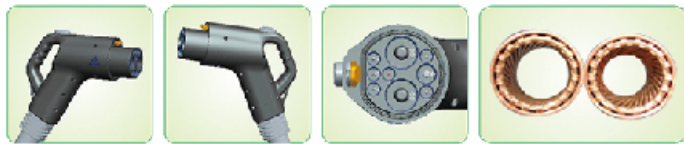
Cable Configuration

Specification	Current	Cable Configuration
YUAC-T-125A-V-03-0.0M-XXAH	125A	2x35mm ² +1x25mm ² +2x4mm ² +P(4x0.75mm ²)+4x0.5mm ²
YUAC-S-250A-V-03-0.0M-XXAH	250A	2x80mm ² +1x25mm ² +2x4mm ² +P(4x0.75mm ²)+4x0.5mm ²

Performance indexes

1. Mechanical features
 - Mechanical life: ≥ 10000 times
 - Inserting and extraction force: $\leq 120N$
2. Operating environment
 - Temperature range: $-40^{\circ}C \sim +105^{\circ}C$
 - Humidity: 95% (at $40^{\circ}C$)
 - Class of pollution :2
 - Level of protection: disconnected: IP54; inserted and connected: IP55
3. Main materials
 - Shell: thermoplast plastics
 - Contact elements: Silvering on surface of copper alloy
4. Electrical performance

Characteristics of product

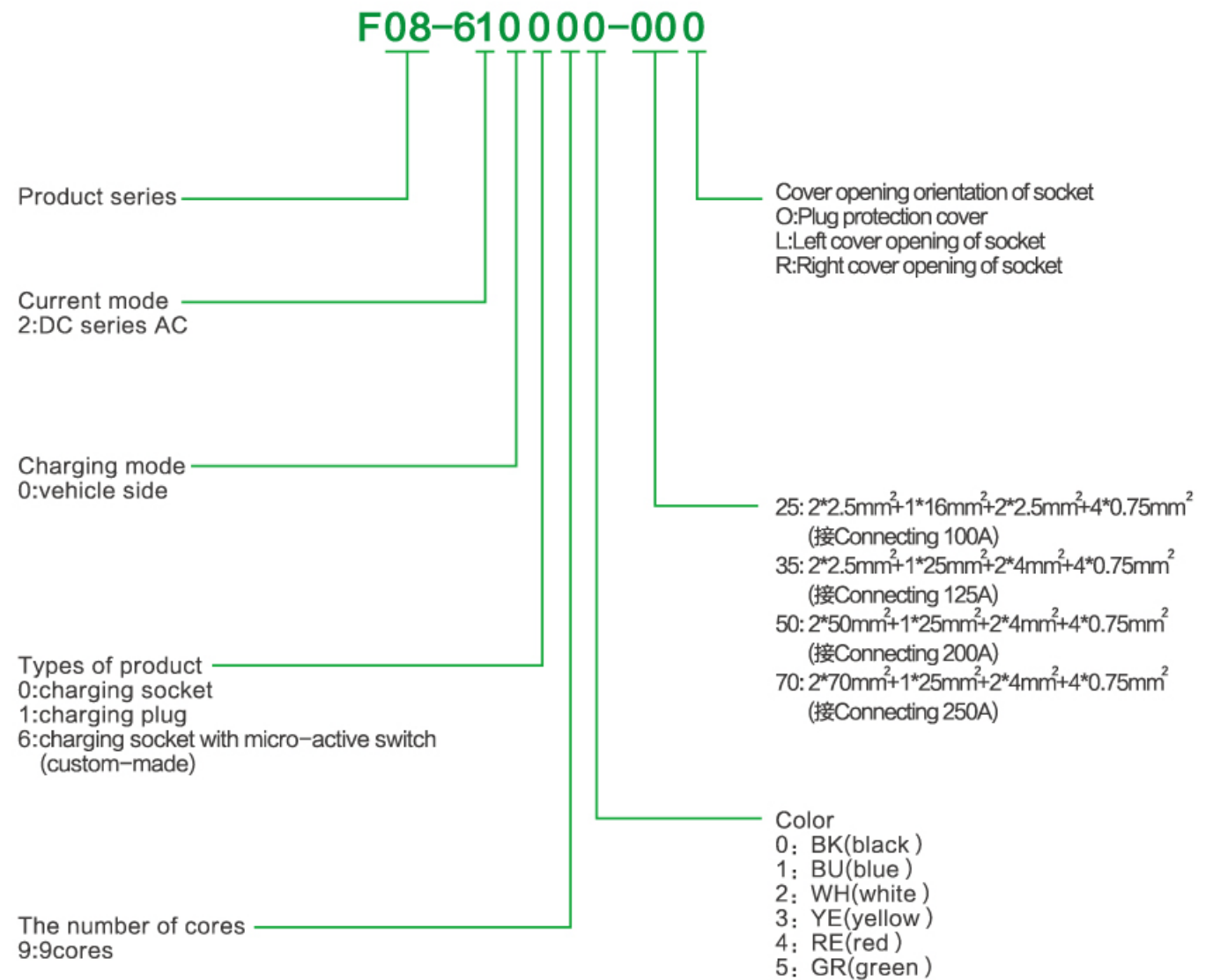


- Size of interface and performance of product totally conform to requirements of national standard GB/T 20234-2011
- Two aspects, overall protection and protection for key contact elements, are taken into consideration in protection Level of protection is higher than IP55.
- No exposed screw or metalwork in appearance has greatly enhanced sense of security of customers during usage.
- "POWSOK" series and harness assembly are specially designed for automobile application, especially hybrid electric vehicles and blade electric vehicles based on high-voltage and high-current design.
- High carrying capacity: According to high current characteristics of power harness of electric automobile. Powsok high-current socket technology of Bada photoelectric patented technology is adopted with superior current carrying performance and long mechanical life Times of insertion and extraction can be as much as 10000.
- Connotation of science & technology and streamline is granted to appearance and shape. The handle is easy to use with appropriate grip diameter



- Cover of DC charging socket adopts damping spring cover: angle of cover opening: $95^{\circ} \sim 100^{\circ}$ and duration of cover opening: $\geq 0.5s$. Grade of product is enhanced: and the risk of collision for damages of product is reduced.
- After contact elements are extracted out and inserted in for ten thousand times. contact resistance and temperature rise to conform to the requirements of national standard.
- Contact elements adopt copper alloy plated with silver and shell of handle and insulating plate adopt thermoplastic engineering plastics from internationally famous company to prevent aging and cracked plastic and other defects from occurring due to a long time of usage to the greatest extent.
- All materials of connector are inflaming retarding and conform to requirements for ROHS environment protection.
- Charging gun conforming to requirements of customers can be custom-made in accordance with conditions of customers.

Description of DC charging series model





Vehicle Side+Power Supply Side: Type 2 Mode 2AC Vehicle connector equips with multiple functions-such as charging control, charging status surveillance, alarming, display etc. convenient and safe charging is available for individual users.

Product characteristics

The charging interface has a lock function and a malfunction prevention function. More convenient for portable installation, plug and play, auto-start charging. 8A, 10A, 13A, 16A, 32A charging current selection. LED multi-color display.

The product definition	
Standard	IEC 62196.2-2016
Charging Mode	2
Connection Manner	B
Current Type	AC
Housing Color	White
Cable color	Black

Mechanical Performance	
Insertion Pullout Times	>10000 times
Insertion Pullout Force	<100N
Withstanding Impact Force	Charger can sustain fall from 1 meter height and crush by 2 tons vehicle

Electrical Parameter	
Rated Current	8A, 10A, 13A, 16A, 32A
Rated Voltage	250V
Power Pin Number	3(L,N,PE)
Signal Pin Number	2(CC,CP)
Signal Pin Current	2A
Insulation Resistance	>5MΩ

Cable Configuration		
Specification	Current	Cable Configuration
YUAC-S-08A-VB-03-5.0M-XXAH	8A	3x2.5mm ² +1x0.75mm ²
YUAC-S-10A-VB-03-5.0M-XXAH	10A	3x2.5mm ² +1x0.75mm ²
YUAC-S-13A-VB-03-5.0M-XXAH	13A	3x2.5mm ² +1x0.75mm ²
YUAC-S-16A-VB-03-5.0M-XXAH	16A	3x2.5mm ² +1x0.75mm ²
YUAC-S-32A-VB-03-5.0M-XXAH	32A	3x6mm ² +1x0.75mm ²

Note: Cable length according to client request.

Major Material	
Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated



Vehicle Side: Electric Vehicle AC Charger, configuration of vehicles connector and customized cable. AC fast Charging for EV via IEC 62196.2-2014 Vehicle socket, installed in EVSE.

Product characteristics

Concise and flowing appearance, comfortable handle, safe and convenient operation. EV-charger meets IEC 62196.2-2016 standard and has good interchangeability. EV-charger cabling are used in electric vehicle charging, suitable for Charging in both mode 2 and mode 3.

The product definition	
Standard	IEC 62196.2-2016
Charging Mode	2,3
Connection Manner	C
Current Type	AC
Housing Color	White
Cable color	Black

Mechanical Performance	
Insertion Pullout Times	>10000 times
Insertion Pullout Force	<75N
Withstanding Impact Force	Affordable 1 meter height fell or 2 ton car run over pressure

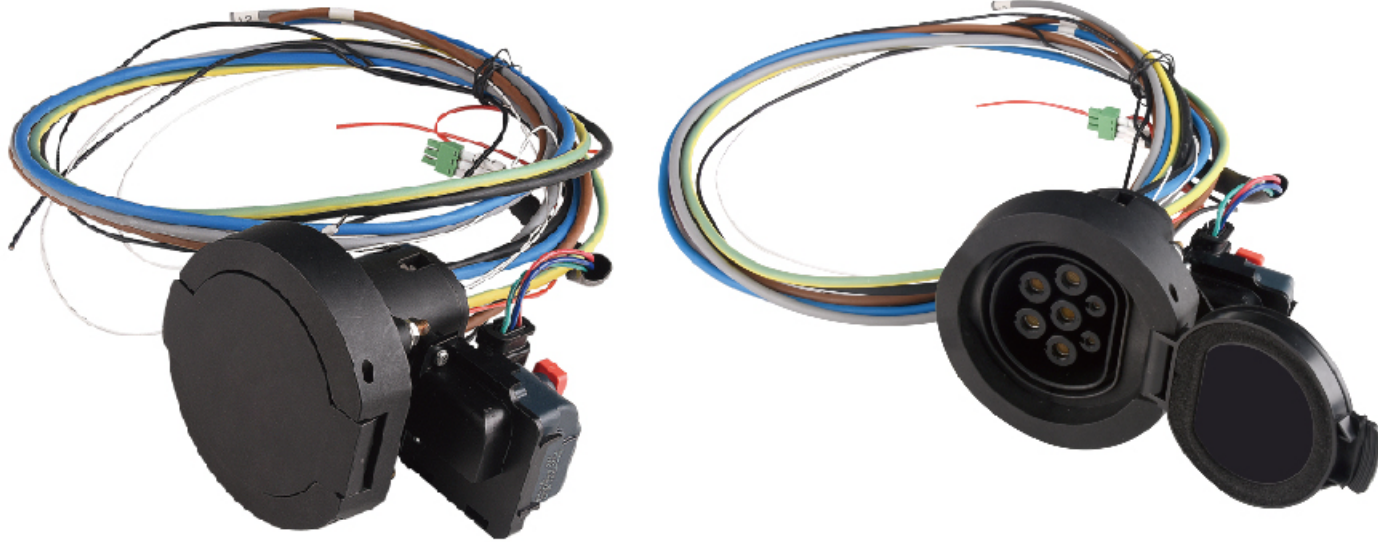
Electrical Parameter	
Rated Current	16A, 32A
Rated Voltage	250V/440V
Power Pin Number	3(L,N,PE) 5(L1,L2,L3,N,PE)
Signal Pin Number	2(PP,CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ 500V DC 1min

Ambient Condition	
Ambient Temperature (working)	-30~50℃
Ambient Temperature (storage)	-40~80℃
Ingress Protection	Type 3S

Cable Configuration		
Specification	Current	Cable Configuration
YUAC-S-016A-V1-YY-X.XM-XXAH	16A	En50620 EV3*2.5mm ² +1*0.75mm ²
YUAC-S-032A-V1-YY-X.XM-XXAH	32A	En50620 EV3*6.0mm ² +1*0.75mm ²
YUAC-T-016A-V1-YY-X.XM-XXAH	16A	En50620 EV5*2.5mm ² +1*0.75mm ²
YUAC-T-032A-V1-YY-X.XM-XXAH	32A	En50620 EV5*6.0mm ² +1*0.75mm ²

Note: Cable length according to client request.

Major Material	
Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated



Power supply sockets of EVAC charger, guarantee more than ten thousands times plug and with-drawal, with Micro actuator and Micro actuator test mechanism, mechanical unlock mechanism for emergency temperature control device is optional, distinct feature: withdraw connector after finishing charging and cover lid automatic close to achieve IP protection function.

Product characteristics

Modular Design, Fit For Front-Board Installment .
Temperature Monitor. More Safety Charging.
Excellent Protection Performance, Reliable Material.

The product definition

Standard	IEC 62196-2:2016
Charging Mode	3
Connection Manner	B
Current Type	AC
Housing Color	Black

Mechanical Performance

Insertion Pullout Times	>10000 times
Insertion Pullout Force	<100N

Electrical Parameter

Rated Current	8A, 10A, 13A, 16A, 32A
Rated Voltage	250V
Number of power Socket	3(L,N,PE) 5(L1,L2,L3,N,PE)
Signal Pin Number	2(CC,CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ 500V DC 1min
Temperature Monitor	NTC
Micro actuator driven Voltage	DC 12V
Micro actuator Work Time	40ms<t<200ms
Micro actuator rotation angle	80°

Ambient Condition

Ambient Temperature (working)	-30~50℃
Ambient Temperature (storage)	-40~80℃
Max Altitude	5000M
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0

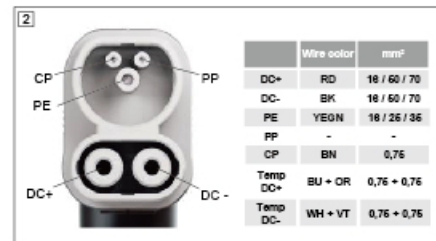
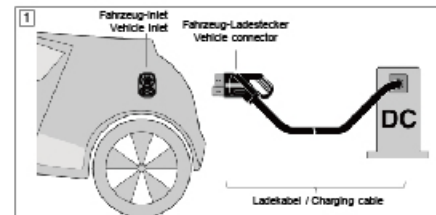
Cable Configuration

Specification	Current	Cable Configuration
YUAC-S-016A-P-YY-X.XM-XXAH	10A	3x2.5mm ² +2x0.75mm ²
YUAC-S-032A-P-YY-X.XM-XXAH	13A	3x6mm ² +2x0.75mm ²
YUAC-T-016A-P-YY-X.XM-XXAH	16A	5x2.5mm ² +2x0.75mm ²
YUAC-T-032A-P-YY-X.XM-XXAH	32A	5x6.0mm ² +2x0.75mm ²





EV-T2M4CC-DC60A
EV-T2M4CC-DC125A
EV-T2M4CC-DC200A



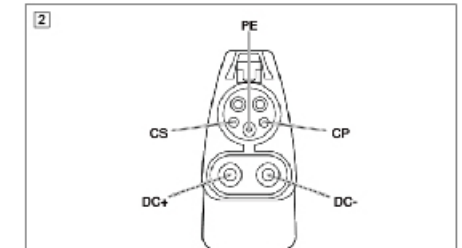
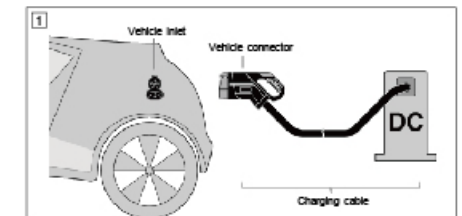
Type 2 combo DC connector IEC62196-3

English	Deutsch
EV-T2M4CC...	EV-T2M4CC...
Standard	Norm
Charging mode	Lademodus
Rated current	Bemessungsstrom
Rated Voltage	Bemessungsspannung
Cable specification power contacts	Kabelaufbau Leistungskontakte
Cable specification signal contacts	Kabelaufbau Signalkontakte
Cable outer diameter	Kabelaußendurchmesser
Resistor coding	Widerstandskodierung
Ambient temperature (operation)	Umgebungstemperatur (im Betrieb)
Number of power contacts	Anzahl der Leistungskontakte
Insertion cycles	Steckzyklen
Insertion/withdrawal force	Steck- und Ziehkraft
Degree of Protection	Schutzart
	gesteckt / ungesteckt

...DC60A...	...DC125A...	...DC200A...
IEC 62196-3		
4		
60 A	125 A	200 A
1000 V DC		
3x10mm ²	2x50mm ² +1x25mm ²	2x70mm ² +1x35mm ²
2 x 3 x 0,75 mm ²		
18,5 mm ± 0,2 mm	28,2 mm ± 0,2 mm	32,0 mm ± 0,2 mm
1500 Ω (zwischen PE und PP)		
-30°C...50°C		
3 (DC+, DC-, PE)		
> 10.000		
< 100 N		
IP 44		
IP 20		



EV-T1L2CC-DC60A
EV-T1L2CC-DC125A



	...DC60A...	...DC125A...
DC+	WH AWG 6	AWG 1
DC-	BK AWG 6	AWG 1
PE	GN AWG 6	AWG 3
CS	-	-
CP	BN AWG 16	AWG 16
Temp+ DC+	BU + OG AWG 18 + 18	AWG 18 + 18
Temp+ DC-	WH + VT AWG 18 + 18	AWG 18 + 18

Type 1 combo DC connector SAEJ1772/IEC62196-3

English	Deutsch
EV-T1L2CC...	EV-T1L2CC...
Standard	Norm
Charging mode	Lademodus
Rated current	Bemessungsstrom
Rated Voltage	Bemessungsspannung
Cable specification power contacts	Kabelaufbau Leistungskontakte
Cable specification signal contacts	Kabelaufbau Signalkontakte
Cable outer diameter	Kabelaußendurchmesser
Resistor coding	Widerstandskodierung
Ambient temperature (operation)	Umgebungstemperatur (im Betrieb)
Number of power contacts	Anzahl der Leistungskontakte
Insertion cycles	Steckzyklen
Insertion/withdrawal force	Steck- und Ziehkraft
Degree of Protection	Schutzart
	plugged in / not plugged in

English	Deutsch
EV-T1L2CC...	EV-T1L2CC...
Standard	Norm
Charging mode	Lademodus
Rated current	Bemessungsstrom
Rated Voltage	Bemessungsspannung
Cable specification power contacts	Kabelaufbau Leistungskontakte
Cable specification signal contacts	Kabelaufbau Signalkontakte
Cable outer diameter	Kabelaußendurchmesser
Resistor coding	Widerstandskodierung
Ambient temperature (operation)	Umgebungstemperatur (im Betrieb)
Number of power contacts	Anzahl der Leistungskontakte
Insertion cycles	Steckzyklen
Insertion/withdrawal force	Steck- und Ziehkraft
Degree of Protection	Schutzart
	Hebel betätigt / Hebel nicht betätigt

...DC60A...	...DC125A...
SAE J1772, IEC 62196-3	
Level 2	
60 A	125 A
600 V DC	
3 x 6 AWG	2 x 1 AWG + 1 x 3 AWG
3 x 2 x 18 AWG	
27,5 mm	35,3 mm
480 Ω	
180 Ω	
-30°C...50°C	
3 (DC+, DC-, PE)	
> 10.000	
< 75 N	
IP 44	
IP 20	



Vehicle Side: Electric Vehicle AC Charger ,configuration of vehicles connector and customized cable.AC fast Charging for EV SAE J1772 Vehiclesocket, installed in EVSE.

Product characteristics

Concise and flowing appearance, comfortable handle, safe and convenient operation.
 EV-charger meets SAE J1772-2017 standard and has good interchangeability.
 EV-charger cabling are used in electric vehicle charging. suitable for Charging in both mode 2 and mode 3.

The product definition

Standard	SAE J1772-2017
Charging Mode	2,3
Connection Manner	B,C
Current Type	AC
Housing Color	White
Cable color	Black

Ambient Condition

Ambient Temperature (working)	-30~50℃
Ambient Temperature (storage)	-40~80℃
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion Pullout Times	>10000 times
Insertion Pullout Force	<75N
Withstanding Impact Force	Charger can sustain fall from 1 meter height and crush by 2 tons vehicle

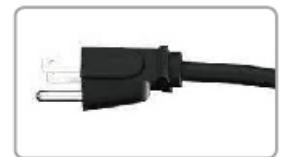
Electrical Parameter

Rated Current	16A,32A,40A
Rated Voltage	120V/240V
Power Pin Number	3(L,N,PE)
Signal Pin Number	2(CS,CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ,500V DC 1min

Cable Configuration

Specification	Current	Cable Configuration
YUAC-S-016A-V-YY-X.XM-XXAH	16A	UL62 EV 3x12AWG+1x18AWG
YUAC-S-032A-V-YY-X.XM-XXAH	32A	UL62 EV 3x10AWG+1x18AWG
YUAC-S-040A-V-YY-X.XM-XXAH	40A	UL62 EV 3x8AWG+1x18AWG

Note:Cable length according to client request.



Vehicle Side+Supply Side: Type 1 Mode2
 AC Vehicle connector equips with multiple functions such as charging control, charging status surveillance, alarming, display etc. convenient and safe charging is available for individual user.

Product characteristics

The charging interface has a lock function and a malfunction prevention function.
 More convenient for portable installation, plug and play, auto-start charging.
 8A, 10A, 13A, 16A, 32A charging current selection.
 LED multi-color display

The product definition

Standard	IEC 62196-2:2016
Charging Mode	2
Connection Manner	B
Current Type	AC
Housing Color	White
Cable color	Black

Ambient Condition

Ambient Temperature (working)	-30~50℃
Ambient Temperature (storage)	-40~80℃
Max Altitude	≤2000M
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion Pullout Times	>10000 times
Insertion Pullout Force	<75N
Withstanding Impact Force	Charger can sustain fall from 1 meter height and crush by 2 tons vehicle

Electrical Parameter

Rated Current	8A,10A,13A,16A,32A
Rated Voltage	250V
Power Pin Number	3(L,N,PE)
Signal Pin Number	2(CC,CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ

Cable Configuration

Specification	Current	Cable Configuration
YUAC-S-08A-VB-03-5.0M-XXAH	8A	3x2.5mm ² +1x0.75mm ²
YUAC-S-10A-VB-03-5.0M-XXAH	10A	3x2.5mm ² +1x0.75mm ²
YUAC-S-13A-VB-03-5.0M-XXAH	13A	3x2.5mm ² +1x0.75mm ²
YUAC-S-16A-VB-03-5.0M-XXAH	16A	3x2.5mm ² +1x0.75mm ²
YUAC-S-32A-VB-03-5.0M-XXAH	32A	3x6mm ² +1x0.75mm ²

Note:Cable length according to client request.



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



FGDC-V-03-01AH

Inflammability class UL94V-0



FGDC-V-03-02AH

Inflammability class UL94V-0



YW1006
7P/12V connecting cable 7*0.5mm²
(two 7p sockets) with 7p plug
length 2X20CM



YW1007
connecting cable 7*0.5mm² (N type 7p plug)
and 5*0.5mm² (S type 7p plug) with 13P socket
length 2X20CM



YW1008
connecting cable 7*0.5mm² (N type 7p socket)
and 5*0.5mm² (S type 7p socket) with 13P plug
length 2X20CM



YW5003
Seal



YW5004
Seal



YW5009
Seal



YW5010
Seal



YW1009
connecting cable 7*0.75mm² with
7p plug and 13p socket
length 35CM



YW2501
7P/12V connecting cable 7*0.65mm²
with plastic socket
length 1.5M,2.5M,3M...



YW3050S
7P/12V plug with screw terminals,
S type, plastic housing, fold version



YW5012
Seal



YW5015
Seal



YW2010
7P/24V plug with N type,
aluminum housing



YW2011
7P/24V plug with S type,
aluminum housing



YW4002
7P/12V connecting cable 7*0.75mm²
with socket mounting on metal plate,
plastic housing
length 1.5M,2.5M,3M...



YW7102
connecting cable 7*0.75mm² with 7p
American plug and 13p socket
cut length 15CM,20CM,30CM...



YW7103
connecting cable 7*0.75mm² with 7p
American socket
cut length 15CM,20CM,30CM...



YW2012
7P/24V plug with N type, plastic
housing



YW2013
7P/24V plug with S type, plastic
housing



YW1130
Adaptor Double Spiral Coil With Molded Plug
TPU Coil I.D. ϕ 45mmx(6x0.75+1x1mm²)
Working Length:2x3M, Total Length:2x4M



YW6019-A

7P/12V connecting cable 7*0.5mm² with 7p flat plug and 7p large round socket on trailer
cut cable length:15CM



YW6019-B

7P/12V connecting cable 7*0.5mm² with 7p flat plug on car and 7p large round plug on trailer
cut cable length:15CM



YW6019-C

7P/12V connecting cable 7*0.5mm² with 7p small round socket on car and 7p flat socket on trailer
cut cable length:15CM



YW0230

7P/24V connecting sprial cable 7*0.75mm² with 7P EBS plugs
working length 3M



YW2111

7P/24V connecting sprial cable 7*0.75mm² with aluminium plugs N/S
working length 3M



YW2112

7P/24V connecting sprial cable 7*0.75mm² with plastic plugs N/S
working length 3M



YW6019-D

7P/12V connecting cable 7*0.5mm² with 7p large round plug on car and 7p flat socket on trailer
cut cable length:15CM



YW6019-F

connecting cable 6*0.5mm² with 6p small round socket on vehicle and 7p small round plug on trailer
cut cable length:15CM



YW6019-G

connecting cable 6*0.5mm² with 7p small round socket on vehicle and small round plug on trailer
cut cable length:15CM



YW2812

5P/12V-24V,ABS plug with screw terminals



YW7011

7P Plug with spring



YW6003

7P/12V plug with female terminal, plastic housing



YW6019-H

7P/12V connecting cable 7*0.5mm² with 7p small round socket on vehicle and 7p large round socket on trailer
cut cable length:15CM



YW6019-J

7P/12V connecting cable 7*0.5mm² with 7p large round plug on vehicle and 7p small round plug on trailer
cut cable length:15CM



YW6034-B

connecting cable 7*0.5mm² with 13p plug and 7p flat socket
length 1M,2M,3M...



YW7051

American plug



YW7054

American plug



YW7101

7P/12V connecting cable 7*0.75mm² with American plug and 7p socket
cut length 15CM,20CM,30CM...

FD-801 <p>1998 - 2001 FORD EXPLORER 2001 - 2003 FORD EXPLORER SPORT 2001 - 2005 FORD EXPLORER SPORT TRAC 1999 - 2004 FORD PICKUP 1998 - 2003 FORD RANGER 1998 - 2003 MAZDA PICKUP 1998 - 2001 MERCURY MOUNTAINEER</p> <p>SN5928 F87Z-9C888-BB F87Z-9C888BA F87A9D809BA ZZP0-66-3D1A</p>	GM-803C <p>Cadillac Escalade (02) Cadillac Escalade EXT (03) Chevrolet K1500 Suburban (99) Chevrolet Silverado 1500 (02-01) Chevrolet Silverado 1500 HD (02-01) Chevrolet Silverado 2500 (02-01) Chevrolet Silverado 2500 HD (02-01) Chevrolet Silverado 3500 (02-01) Chevrolet Suburban 1500 (02-01) Chevrolet Suburban 2500 (02-01) Chevrolet Suburban 3500 (02-01) GMC Sierra 1500 (02-01) GMC Sierra 2500 (02-01) GMC Sierra 3500 (02-01) GMC Yukon (02-01) GMC Yukon XL 1500 (02-01) GMC Yukon XL 2500 (02-01)</p> <p>15709327 19168767 TCA-13</p>	GM-803A <p>Cadillac Escalade (06-05) Chevrolet Avalanche 1500 (06-03) Chevrolet Avalanche 2500 (06-03) Chevrolet Silverado 1500 (06-05) Chevrolet Silverado 1500 Classic (07) Chevrolet Silverado 1500 HD (05-05) Chevrolet Silverado 1500 HD Classic (07) Chevrolet Tahoe (06-05) GMC Sierra 1500 (06-05) GMC Sierra 1500 Classic (07) GMC Yukon (06-05)</p> <p>19259313 15164520 TGA-47</p>	GM-803B <p>Chevrolet Silverado 1500 (02-01) Chevrolet Silverado 2500 (02-01) Chevrolet Silverado 2500 HD (02-01) Chevrolet Silverado 3500 (02-01) Chevrolet Suburban 1500 (02-01) Chevrolet Suburban 2500 (02-01) Chevrolet Tahoe (02-01) GMC K1500 Suburban (99-98) GMC K2500 Suburban (99-98) GMC Sierra 1500 (02-01) GMC Sierra 2500 (02-01) GMC Sierra 3500 (02-01) GMC Yukon XL 1500 (02-01) GMC Yukon XL 2500 (02-01)</p> <p>15067877 19168769 TCA-31</p>
GM-803 <p>Cadillac Escalade (04-03) Cadillac Escalade ESV (04-03) Chevrolet Tahoe (04-03) GMC Yukon (04-03) GMC Yukon XL 1500 (04-03)</p> <p>15164518 19259311 15136041 TCA-45</p>	GM-803D <p>Chevrolet Avalanche 1500 (06-03) Chevrolet Avalanche 2500 (06-03) Chevrolet Silverado 1500 HD (03) Chevrolet Silverado 2500 HD (03) Chevrolet Silverado 2500 HD (06-03) Chevrolet Silverado 3500 HD (07) Chevrolet Suburban 1500 (07-03) Chevrolet Suburban 2500 (07-03) Chevrolet Tahoe (04-03) GMC Sierra 1500 HD (06-05), (05) GMC Sierra 1500 HD Classic (07) GMC Sierra 2500 (04-03) GMC Sierra 2500 HD (07-03) GMC Sierra 3500 Classic (07) GMC Sierra 3500 HD (07) GMC Yukon (07-03) GMC Yukon XL 1500 (07-03) GMC Yukon XL 2500 (07-03)</p> <p>15136040 19259312 15164519 TCA-50</p>	GM-803E <p>Hummer H2 (07-03)</p> <p>19259310 15057510 15127829 TCA-48</p>	TY-802A <p>Lexus ES350 (06-06) Lexus ES350 (10-07) Lexus GS350 (06-06) Lexus GS350 (10-07) Lexus IS250 (07-05) Lexus IS250 (10-07) Lexus IS350 (10-07) Lexus LS570 (09-08) Lexus RX350 (15-07) Lexus RX400h (08) Lexus RX450h (10-07) Toyota Avalon (15-05) Toyota Prius (10) Toyota Sequoia (16-14), (10-08) Toyota Sienna (10-04)</p> <p>84632-08020, OCA1022, 84632-08021, 846320F010, 84632-34010, 84632-34011</p>
TY-802 <p>Lexus ES350 (10-07) Lexus GS350 (06-06) Lexus GS350 (10-07) Lexus IS250 (07-05) Lexus IS250 (10-07) Lexus IS350 (10-07) Lexus LS570 (09-08) Lexus RX350 (15-07) Lexus RX400h (08) Lexus RX450h (10-07) Toyota Avalon (15-05) Toyota Prius (10) Toyota Sequoia (16-14), (10-08) Toyota Sienna (10-04)</p> <p>84632-58011 CCA1021</p>	TY-802B <p>Lexus RX330 (06-04) Lexus RX400h (07-06)</p> <p>84632-08010 84632-58010 CCA1127</p>	TY-802C <p>Toyota Highlander (16-14) Toyota RAV4 (16-13) Toyota Sienna (16), (13)</p> <p>846320E020 CCA1318</p>	TY-802D <p>Toyota Sienna (15-14)</p> <p>8463208040 CCA1364</p>
TY-802E <p>Toyota Highlander (16-14)</p> <p>846320E030 CCA1366</p>	TY-802F <p>Toyota Avalon (16-14)</p> <p>8463207050 CCA1365</p>	GM-3006 <p>Chevrolet Colorado (12-04) GMC Canyon (12-04) Hummer H3 (10-06) Hummer H3T (10-09) Isuzu I-280 (06) Isuzu I-290 (07) Isuzu I-350 (06) Isuzu I-370 (08-07)</p> <p>15906128, CBS-1406 15135023, 15281884 15906138, 1S8834 SN6303, D2119E</p>	FD-904A <p>Ford Mustang 93-87</p> <p>E7ZB-13A350-BD</p>
FD-904 <p>Ford Mustang 93-87</p> <p>E7ZB-13A350-CD</p>	FD-904B <p>Ford Mustang 93-87</p> <p>E7ZB-13A350-ADW</p>	TY-802 <p>BMW</p> <p>61319270261 61319262706 61319273657</p>	MZ-1831 <p>Mazda 3 (13-10) Mazda 5 (15-14) w/ Fog Lights; w/o Auto Headlights</p> <p>BEM3-66-122 Terminal Quantity:11</p>
MZ-1297 <p>Mazda 3 (10-04) Mazda 5 (10-06) Hatchback, w/ Fog Lights; w/o Auto Headlight Control</p> <p>BN8R-66-122</p>	MZ-1300 <p>Mazda 3 (10-04) Mazda 5 (10-06) Sedan; w/o Auto Headlight Control; w/o Fog Lights</p> <p>BN8P-66-122</p>	TY-K302 <p>84140-06381</p> <p>Toyota Highlander (汉拉达)</p>	TY-K303 <p>84140-06380</p> <p>Toyota Camry 06-13 Toyota Crown 09 Toyota Reiz 09 Toyota Prado Toyota RAV4 09-11 Toyota Sequoia 08-11 (MR)</p>

GM-5130 <p>15251096 22729563</p>	GM-9767 <p>25779767</p>	GM-5812 <p>15062650, 19259961 15720127, 15746570 D7074C, D7047C Terminal Type: 9 Blade</p>	NS-T10A <p>25401-ZT10A 25401-7S200 25401-7S201 25401-ZJ30A Terminal Quantity:19</p>
NS-D02D <p>25401-CD02D Terminal Quantity:16</p>	TY-1407 <p>84820-06070, 8482006071 8482033270, 8482062250 8482052310 Terminal Quantity:15</p>	GM-5129 <p>20945129 25951963 25789692</p>	TY-8208 <p>84872-52030</p>
HD-1061 <p>35750-SDA-A03 35750-SDA-A04 35750-SDA-A05 Terminal Quantity:23</p>	HD-S453 <p>35750-SJC-A02ZC 35750-SJC-A03ZC 35750-SJC-A04ZC Terminal Quantity:23</p>	HD-AA02 <p>35760-SNA-A02 35760-SNA-A12DA 35760-SNA-A11 35760-SNA-A13 35760-SNA-A131M1</p>	BW-S860 <p>7PP 959 858 R DML 7PP 959 858 HML 7PP 959 858 KML 7PP959858AFDM Terminal Quantity:13</p>
BW-S860 <p>251 830 05 90 Terminal Quantity:3</p>	VW-8007 <p>8L0 953 513G 01C 8L0 953 513 01C 8L0 953 513G</p>	VW-8060 <p>1J4 959 857D 1J4 959 857B 1J4959857</p>	VW-8023 <p>100 941 531B</p>
VW-8088 <p>480 905 849</p>	KA-S148 <p>93570-2F200-GM Terminal Quantity:14+7</p>	BZ-1047 <p>1638206610</p>	FL-9006 <p>A06-30769-008</p>
IS-5420 <p>8-97206479-0 8-97225542-0</p>	HD-4A11 <p>35750SV1A01 35750SV1A02 35750SV4A11 83570SV4800ZB 35750-SM-A11ZC</p>	HD-3359 <p>35750-S9A305 35750-S9A-001ZA 35750-S9A-003ZA 35750-S9A-005ZA</p>	TY-3516 <p>84820-89105</p>