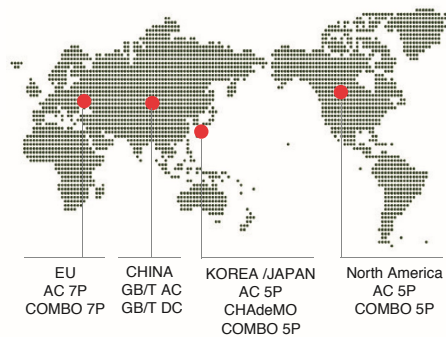


YURA CONNECTORS (Charging Coupler, Control Box etc)

These are harness system devices used in eco-friendly electric cars.
These high-voltage system devices connect a charging unit.



GLOBAL CHARGING COUPLER LINEUP

	INLET	VEHICLE CONNECTOR	PAGE
AC 5P		 PLUG	26, 27
AC 7P			28
COMBO 5P			29
COMBO 7P		—	30
GB/T AC			31
GB/T DC		—	32
CHAdeMO		—	33

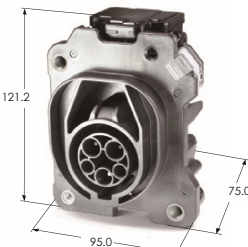

AC 5P VEHICLE INLET & CONNECTOR

► SPECIAL FEATURES

- Specifications applied: SAE J1772 and IEC62196 -1, -2
- Certified by UL, CB
- Ergonomically designed grip shape (Vehicle Connector)
- Improve the external design without screw holes (Vehicle Connector)
- Conform to Customer specifications



► APPEARANCE

VEHICLE INLET	VEHICLE CONNECTOR
P/No: 210130	P/No: 220107(16A, UL) 220108(32A) 220112(16A, IEC)
	

► TECHNICAL CHARACTERISTICS

AC 5P	Charging connection	According to SAE J1772 and IEC62196-1, -2
	Voltage & Current	250V / 16A, 32A
	Design Life Cycle	Over 10,000 Mating
	Mating Force	≤ 100N
	Temperature Range	-30℃ ~ 50℃
	Connections	AC Power Pins 2P (L1, L2) Ground Pin 1P (PE) AC Signal Pins 2P (CP, CS)
	Arrangement	Vehicle Inlet : Male (Pin)
	Double lock system(Actuator)	Option
	Temperature Sensor	Option



<VEHICLE INLET>

AC 5P SOCKET OUTLET & PLUG

► SPECIAL FEATURES

- Specifications applied : KS C IEC62196-1, -2
- Certified by CB
- Ergonomically designed grip shape (Plug)
- Improve the external design without screw holes (Plug)
- Conform to Customer specifications

► APPEARANCE

SOCKET OULET	PLUG
	P/No: 220109
	

► TECHNICAL CHARACTERISTICS

AC 5P	Charging connection	According to KS C IEC62196-1, -2
	Voltage & Current	250V / 32A
	Design Life Cycle	Over 10,000 Mating
	Mating Force	≤ 100N
	Temperature Range	-30℃ ~ 50℃
	Connections	AC Power Pins 2P (L1, L2) Ground Pin 1P (PE) AC Signal Pin 1P (CP)
	Arrangement	Socket Outlet : Male (Pin)
	Double lock system(Actuator)	-
	Temperature Sensor	-



<PLUG>

AC 7P VEHICLE INLET & CONNECTOR

► SPECIAL FEATURES

- Specifications applied : IEC62196-1, -2
- Certified by CE, CB
- Ergonomically designed grip shape (Vehicle Connector)
- Improve the external design without screw holes (Vehicle Connector)
- Conform to Customer specifications



► APPEARANCE

VEHICLE INLET	VEHICLE CONNECTOR
P/No: 210096	P/No: 220110

► TECHNICAL CHARACTERISTICS

AC 7P	Charging connection	According to IEC62196-1, -2
	Voltage & Current	250V / 16A
	Design Life Cycle	Over 10,000 Mating
	Mating Force	≤ 100N
	Temperature Range	-30℃ ~ 50℃
	Connections	AC Power Pins 2P (L1, N) Ground Pin 1P (PE) AC Signal Pins 2P (CP, PP)
	Arrangement	Vehicle Inlet : Male (Pin)
	Double lock system(Actuator)	Application
	Temperature Sensor	Option



<VEHICLE INLET>

COMBO 5P VEHICLE INLET & CONNECTOR

► SPECIAL FEATURES

- Specifications applied : SAE J1772 and IEC62196-1, -3
- Certified by UL, CB
- Ergonomically designed grip shape (Vehicle Connector)
- Conform to Customer specifications

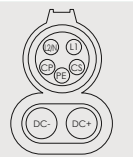


► APPEARANCE

VEHICLE INLET	VEHICLE CONNECTOR
P/No: 210132	P/No: 220076
P/No: 210217	P/No: 210226

► TECHNICAL CHARACTERISTICS

COMBO 5P	Charging connection	According to SAE J1772 and IEC62196-1, -3
	Voltage & Current	600V / 200A
	Design Life Cycle	Over 10,000 Mating
	Mating Force	≤ 100N
	Temperature Range	-30℃ ~ 50℃
	Connections	AC Power Pins 2P (L1, L2) DC Power Pins 2P (DC+, DC-) Ground Pin 1P (PE) AC Signal Pins 2P (CP, CS)
	Arrangement	Vehicle Inlet : Male (Pin)
	Double lock system(Actuator)	Application
	Temperature Sensor	Option



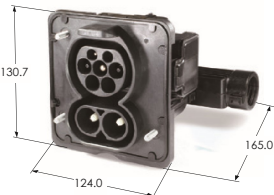
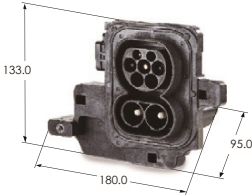
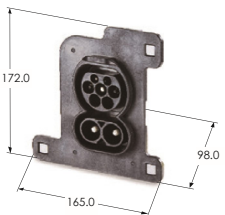
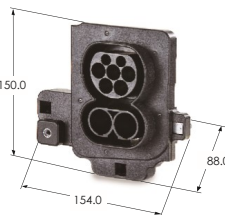
<VEHICLE CONNECTOR>

COMBO 7P VEHICLE INLET & CONNECTOR

► SPECIAL FEATURES

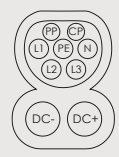
- Specifications applied : IEC62196-1, -3
- Certified by CE, CB
- Conform to Customer specifications

► APPEARANCE

VEHICLE INLET	
<p>P/No: 210131</p>  <p>130.7, 124.0, 165.0</p>	<p>P/No: 210207</p>  <p>133.0, 180.0, 95.0</p>
<p>P/No: 210218</p>  <p>172.0, 165.0, 98.0</p>	<p>P/No: 210227</p>  <p>150.0, 154.0, 88.0</p>

► TECHNICAL CHARACTERISTICS

COMBO 7P	Charging connection	According to IEC62196-1, -3
	Voltage & Current	600V / 200A
	Design Life Cycle	Over 10,000 Mating
	Mating Force	≤100N
	Temperature Range	-30℃ ~ 50℃
	Connections	AC Power Pins 2P (L1, N) DC Power Pins 2P (DC+, DC-) Ground Pin 1P (PE) AC Signal Pins 2P (CP, PP)
	Arrangement	Vehicle Inlet : Male (Pin)
	Double lock system(Actuator)	Application
	Temperature Sensor	Option



<VEHICLE INLET>

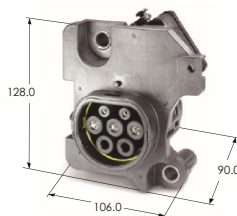
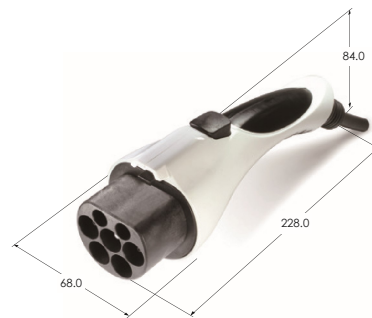
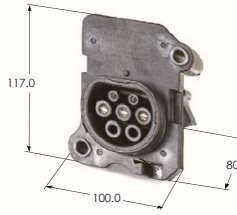
GB/T AC VEHICLE INLET & CONNECTOR

► SPECIAL FEATURES

- Specifications applied : GB/T 20234-1, -2
- Certified by CQC
- Ergonomically designed grip shape (Vehicle Connector)
- Improve the external design without screw holes (Vehicle Connector)
- Conform to Customer specifications

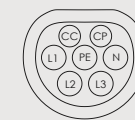


► APPEARANCE

VEHICLE INLET	VEHICLE CONNECTOR
<p>P/No: 210134</p>  <p>128.0, 106.0, 90.0</p>	<p>P/No: 220111</p>  <p>84.0, 228.0, 68.0</p>
<p>P/No: 220161</p>  <p>117.0, 100.0, 80.0</p>	

► TECHNICAL CHARACTERISTICS

GB/T AC	Charging connection	According to GB/T 20234-1, -2
	Voltage & Current	250V / 16A
	Design Life Cycle	Over 10,000 Mating
	Mating Force	≤100N
	Temperature Range	-30℃ ~ 50℃
	Connections	AC Power Pins 2P (L1, N) Ground Pin 1P (PE) AC Signal Pins 2P (CP, PP)
	Arrangement	Vehicle Inlet : Female (Pin)
	Double lock system(Actuator)	Application
	Temperature Sensor	Option



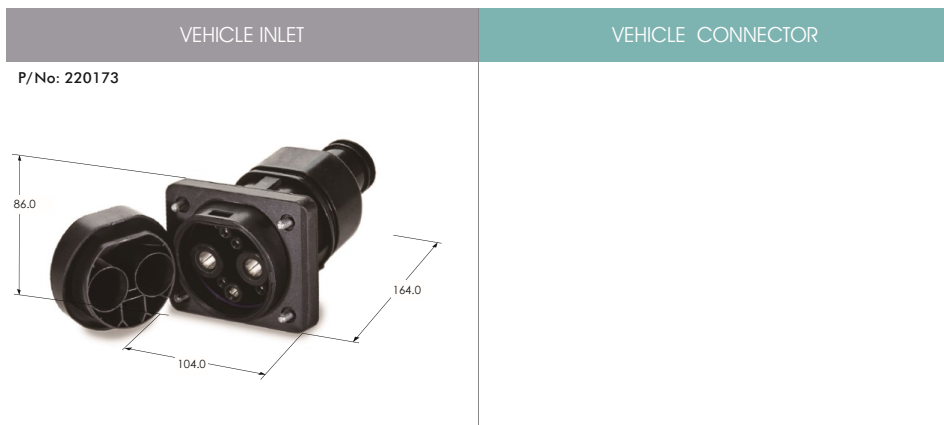
<VEHICLE CONNECTOR>

GB/T DC VEHICLE INLET & CONNECTOR

► SPECIAL FEATURES

- Specifications applied : GB/T 20234-1, -3
- Certified by CQC
- Conform to Customer specifications

► APPEARANCE



► TECHNICAL CHARACTERISTICS

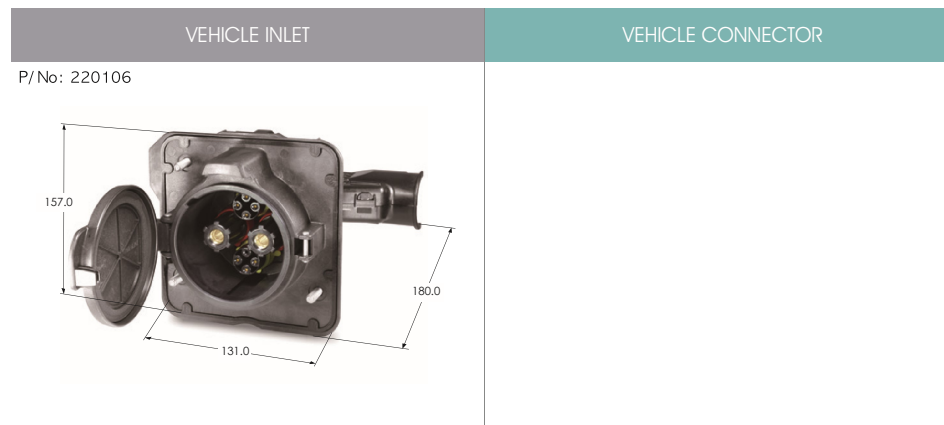
GB/T DC	Charging connection	According to GB/T 20234-1, -3
	Voltage & Current	750V / 125A
	Design Life Cycle	Over 10,000 Mating
	Mating Force	≤ 100N
	Temperature Range	-30℃ ~ 50℃
	Connections	DC Power Pins 2P (DC+, DC-) Ground Pin 1P (PE) Signal Pins 2P (S+, S-) Signal Pins 2P (CC1, CC2) Signal Pins 2P (A+, A-)
	Arrangement	Vehicle Inlet : Female (Pin)
	Double lock system(Actuator)	-
	Temperature Sensor	Option
		<p><VEHICLE INLET></p>

CHAdemo CHARGE VEHICLE INLET & CONNECTOR

► SPECIAL FEATURES

- Specifications applied : IEC62196-1, -3
- Conform to Customer specifications

► APPEARANCE



► TECHNICAL CHARACTERISTICS

CHAdemo	Charging connection	According to IEC62196-1, -3
	Voltage & Current	600V / 200A
	Design Life Cycle	Over 10,000 Mating
	Mating Force	≤ 100N
	Temperature Range	-30℃ ~ 50℃
	Connections	DC Power Pins 2P (DC+, DC-) Ground Pin 1P (PE) AC Signal Pin 1P (CS) AC Signal Pins 3P (CP, CP2, CP3) AC Signal Pins 2P (COM1, COM2)
	Arrangement	Vehicle Inlet : Female (Pin)
	Double lock system(Actuator)	-
	Temperature Sensor	Option
		<p><VEHICLE CONNECTOR></p>

IN-CABLE CONTROL BOX


■ SPECIAL FEATURES

- ▶ Controller to perform the stable slow charge to the EV / PHEV

■ SPECIFICATIONS

Operating Voltage	AC 90V ~ 285V
Rated Current	12A (MAX. 16A)
Operating Temperature	-30℃ ~ 50℃
IP Rating	IP55

■ DESCRIPTION

PICTURE	DESCRIPTION
	<ul style="list-style-type: none"> • Adjust charging current (8A, 10A, 12A) • Charging & Failure status monitoring by LED display module <ul style="list-style-type: none"> - Plug / Vehicle connection, Charging, Error, etc. • Temperature sensing of Power plug & ICCB • System protection function <ul style="list-style-type: none"> - Over temperature, Over current, Leakage current, Ground monitoring • UL & CE & KC certified <p>*IP : Ingress Protection rating</p>

PLC CONTROLLER


■ SPECIAL FEATURES

- ▶ PLC controller to control the DC quick charge sequence of the combo type electric vehicle
 - Transmission and reception control of information about authentication, charge voltage, current amount, charge state, etc. required for quick charging between vehicle and power station

■ SPECIFICATIONS

Operating Voltage	DC 9V ~ 16V
Operating Temperature	-40℃ ~ 85℃
IP Rating	IP69
Dimensions	130mm x 125mm x 50mm

■ DESCRIPTION

PICTURE	DESCRIPTION
	<ul style="list-style-type: none"> • PLC communication controller in combo-type EV for quick charging • Control the power charge sequence and convert PLC communication for combo type electric vehicle using DC power quick charge • Secure power charge compatibility for global infrastructure(ISO/ICE 15118, DIN 70121) <p>*IP : Ingress Protection rating *PLC : Power Line Communication</p>