WORLD PRODUCTS INC.® is the Exclusive Agent in North America for Ebusbar® HV Relays for EV.

CHARGING CONNECTOR

For more specific information on this product please contact World Products Inc.

sales@worldproducts.com
Ebusbar established in 2010 with a registered capital of 53 million. It focuses on the core components of EV, new energy research and development, production and sales of the national high-tech enterprises. Its products include laminate busbar, EV & PHEV charging connectors, high-voltage electric vehicle connection system, charging equipment and operation solutions, EV battery Box Solutions, MCU and multi-in-one integrated solutions, HV relays. Depend on a strong R & D and experimental capabilities, advanced and highly efficient manufacturing capabilities, Ebusbar will have to continue to provide our customers professional and innovative solutions, fast and flexible service and high quality products.
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## AC CHARGING CONNECTOR XP SERIES

### Cable Spec:

<table>
<thead>
<tr>
<th>额定电流</th>
<th>规格描述 Spec</th>
<th>外径 O.D</th>
<th>芯数 Cores</th>
</tr>
</thead>
<tbody>
<tr>
<td>16A (AC) 单相</td>
<td>3 × 2.5mm² + 1 × 0.75mm²</td>
<td>Φ11.8 ± 0.5mm</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>3 × 4mm² + 1 × 0.75mm²</td>
<td>Φ14.0 ± 0.5mm</td>
<td>4</td>
</tr>
<tr>
<td>32A (AC) 单相</td>
<td>3 × 6mm² + 1 × 0.75mm²</td>
<td>Φ15.4 ± 0.6mm</td>
<td>4</td>
</tr>
<tr>
<td>32A (AC) 三相</td>
<td>5 × 6mm² + 1 × 0.75mm²</td>
<td>Φ14.0 ± 0.5mm</td>
<td>6</td>
</tr>
<tr>
<td>32A (AC) 三相</td>
<td>5 × 6mm² + 1 × 0.75mm²</td>
<td>Φ19.0 ± 0.6mm</td>
<td>6</td>
</tr>
<tr>
<td>63A (AC) 单相</td>
<td>4 × 13.3mm² + 1 × 16mm² + 2 × 2.5mm²</td>
<td>Φ30.2 ± 1.0mm</td>
<td>7</td>
</tr>
<tr>
<td>16A (AC) 单相</td>
<td>3 × 14AWG(4.3mm²) + 1 × 18AWG(2.8mm²)</td>
<td>Φ14.0 ± 0.5mm</td>
<td>4</td>
</tr>
<tr>
<td>32A (AC) 单相</td>
<td>3 × 10AWG(5.3mm²) + 1 × 18AWG(2.8mm²)</td>
<td>Φ15.4 ± 0.5mm</td>
<td>4</td>
</tr>
</tbody>
</table>

Note: Our company charging cable can meet respectively GB (CQC 1104–2015, GB/T 20234.2–2015), IEC (IEC 62196.2–2011), SAE (SAE J1772-2010)
### AC Charging Connector XP Series

#### XPxx - A - V 1 - S 1 - B 1 - 001

<table>
<thead>
<tr>
<th>系列</th>
<th>标准</th>
<th>应用场合</th>
<th>电流</th>
<th>相数</th>
<th>线缆 Cable</th>
<th>外壳颜色 Shell Color</th>
<th>插头类型 Plug Type</th>
<th>流水码 Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>SAE J1772-2010</td>
<td>V-车辆端 Vehicle</td>
<td>1-16A</td>
<td>S-单相 1 Phase</td>
<td>1-黑色 Black</td>
<td>1-弯头 Angle</td>
<td>001-3m</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>GB/T 20234.1-2015 GB/T 20234.2-2015</td>
<td>2-32A</td>
<td>2-橙色 Orange</td>
<td>W-白色 White</td>
<td>2-直头 Straight</td>
<td>002-5m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>IEC 62196-2-2011</td>
<td>3-63A</td>
<td>3-螺旋线Black Spiral Cable Black</td>
<td>C-黑色+蓝色 Black+Blue</td>
<td>3-直(车辆端)+弯(供电端) Straight(Vehicle)+Angle(EVSE)</td>
<td>003-6m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4-螺旋线橙色 Spiral Cable Orange</td>
<td>D-白色+蓝色 White+Blue</td>
<td>4-弯(车辆端)+直(供电端) Angle(Vehicle)+Straight(EVSE)</td>
<td>004-7.5m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5-螺旋线橙色 Spiral Cable Orange</td>
<td>E-白色+黑色 White+Black</td>
<td>5-弯(车辆端)+直(供电端) Angle(Vehicle)+Straight(EVSE)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Remark:
1. XPxx: xx indicate serial number, AC charging plug serial number is 01-59, XP and 01 series plug display XP01
2. Code: 001-004 is commonly use cable length, the length of cable can be customized as per customer requirements.
3. E.g: XP06-C-V2-S1-B3-002 indicate XP06 series, vehicle side: straight, power supply side: angle, shell color: black, cable length: 5 meter(black), 1 phase, 32A, GB/T standard double plug charging connector
4. Above form is applicable to XP series AC charging connector selection.
## DC CHARGING CONNECTOR XP SERIES

### Cable Spec:

<table>
<thead>
<tr>
<th>额定电流 Rated Current</th>
<th>规格描述 Spec</th>
<th>外径 O.D</th>
<th>芯数 Cores</th>
</tr>
</thead>
<tbody>
<tr>
<td>80A (DC)</td>
<td>$2 \times 20 \text{mm}^2 + 1 \times 25 \text{mm}^2 + 2 \times 2.5 \text{mm}^2 + P(2 \times 0.75 \text{mm}^3) + P(8 \times 0.75 \text{mm}^3)$</td>
<td>$\Phi 31 \pm 1.0 \text{mm}$</td>
<td>15</td>
</tr>
<tr>
<td>125A (DC)</td>
<td>$2 \times 35 \text{mm}^2 + 1 \times 25 \text{mm}^2 + 2 \times 2.5 \text{mm}^2 + P(2 \times 0.75 \text{mm}^3) + P(8 \times 0.75 \text{mm}^3)$</td>
<td>$\Phi 34 \pm 1.0 \text{mm}$</td>
<td>15</td>
</tr>
<tr>
<td>200A (DC)</td>
<td>$2 \times 70 \text{mm}^2 + 1 \times 25 \text{mm}^2 + 2 \times 2.5 \text{mm}^2 + P(2 \times 0.75 \text{mm}^3) + P(8 \times 0.75 \text{mm}^3)$</td>
<td>$\Phi 38 \pm 1.0 \text{mm}$</td>
<td>15</td>
</tr>
<tr>
<td>250A (DC)</td>
<td>$2 \times 80 \text{mm}^2 + 1 \times 25 \text{mm}^2 + 2 \times 2.5 \text{mm}^2 + P(2 \times 0.75 \text{mm}^3) + P(8 \times 0.75 \text{mm}^3)$</td>
<td>$\Phi 39 \pm 1.0 \text{mm}$</td>
<td>15</td>
</tr>
</tbody>
</table>

Note: Our company charging cable can meet respectively GB (CQC 1105-2015, GB/T 20234.3-2015)
DC Charging Connector XP Series

**XPxx - C - V 1 - 1 - B - 001**

<table>
<thead>
<tr>
<th>Series</th>
<th>Standard</th>
<th>Operation</th>
<th>Current</th>
<th>Cable</th>
<th>Shell Color</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPxx</td>
<td></td>
<td>Vehicle</td>
<td>1-80A</td>
<td></td>
<td>Black</td>
<td>001-3m</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2-125A</td>
<td></td>
<td>Gray</td>
<td>002-5m</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3-200A</td>
<td></td>
<td></td>
<td>003-6m</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4-250A</td>
<td></td>
<td></td>
<td>004-7.5m</td>
</tr>
</tbody>
</table>

Remark:  
1. XPxx: xx indicate serial number, DC charging plug serial number is 61~99, XP and 61 series plug display XP61  
2. Code: 001~004 is commonly use cable length, the length of cable can be customized as per customer requirements.  
3. E.g: XP64-C-V2-1-B1-002 indicated XP64 series, vehicle side: Angle type, shell color: gray, cable 5 meter (black), rate current: 125A, GB/T DC charging connector;  
4. Above form is applicable to XP series DC charging connector selection.
XP01-C AC Charging Connector

**Specifications:**

- Rated Voltage: 250V AC
- Rated Current: 16A/32A
- Operation Temperature: -30°C ~ +50°C
- Mating Cycles: ≥10000
- Voltage Resistance: 2500V AC
- IP Class: IP55(Mated)
- Touch Proof: IP2XB
- Flame Class: UL94-V0 (Thermoplastic Plastics)
- Mating Force: <100N
- Fulfilled Standard: GB/T 20234.2-2015

**Features and Benefits:**

- Convenient and comfortable use
- Socket touch-proof design
- Security and Reliable
- All internal electronic components are completely sealed for protection

**Applications:**

- EV, Charging device
**Order Information:**

**Plug:**

<table>
<thead>
<tr>
<th>Series</th>
<th>Standard</th>
<th>Current</th>
<th>Phase</th>
<th>Cable</th>
<th>Shell Color</th>
<th>Plug Type</th>
<th>Flow Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP01-C</td>
<td>V</td>
<td>1</td>
<td>S</td>
<td>1/2/3/4</td>
<td>B/C</td>
<td>2/3/5</td>
<td>001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>002</td>
</tr>
<tr>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>004</td>
</tr>
</tbody>
</table>

**Dimension:**

- **Vehicle Side**
- **Power Supply Side**
XP02-C AC Charging Connector

**Specifications:**

- Rated Voltage: 250V AC
- Rated Current: 16A/32A
- Operation Temperature: -30°C ~ +50°C
- Mating Cycles: ≥10000
- Voltage Resistance: 2500V AC
- IP Class: IP55 (Mated)
- Touch Proof: IP2XB
- Flame Class: UL94-V0 (Thermoplastic Plastics)
- Mating Force: <100N
- Fulfilled Standard: GB/T 20234.2-2015

**Features and Benefits:**

- Convenient and comfortable use
- Socket touch-proof design
- Security and reliable
- All internal electronic components are completely sealed for protection

**Applications:**

- EV, Charging device
## Order Information:

### Plug Information:

<table>
<thead>
<tr>
<th>Series</th>
<th>Standard</th>
<th>Current</th>
<th>Phase</th>
<th>Cable</th>
<th>Shell Color</th>
<th>Plug Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP02-C</td>
<td>V</td>
<td>1</td>
<td>S</td>
<td>1/2/3/4</td>
<td>B/C</td>
<td>1/4/6</td>
<td>001</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>002</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>003</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>004</td>
</tr>
</tbody>
</table>

### Dimension:

- **Vehicle Side**
- **Power Supply Side**

Dimensions:
- 129
- 34
- 250
- 189.5
- 66.5
- 250
XP03-C AC Charging Connector

**Specifications:**

- 额定电压 Rated Voltage: 440V AC
- 额定电流 Rated Current: 63A
- 工作温度 Operation Temperature: -30℃ ~ +50℃
- 插拔寿命 Mating Cycles: ≥10000
- 耐电压 Voltage Resistance: 2500V AC
- 防护等级 IP Class: IP55(Mated)
- 电气保护 Touch Proof: IP2XB
- 阻燃等级 Flame Class: UL94-V0 (Thermoplastic Plastics)
- 插拔力 Mating Force: <100N
- 符合标准 Fulfilled Standard: GB/T 20234.2-2015

**Features and Benefits:**

- 使用舒适方便
  Convenient and comfortable use
- 插孔防触手设计
  Socket touch-proof design
- 安全可靠
  Security and reliable
- 所有内部电子元器件完全密封
  All internal electronic components are completely sealed for protection

**Applications:**

- 电动汽车, 充电设备
  EV, Charging device
### Order Information:

- **Plug:**

<table>
<thead>
<tr>
<th>Series</th>
<th>Cable</th>
<th>Shell Color</th>
<th>Plug Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP03−C−V3−T</td>
<td>1</td>
<td>C</td>
<td>2</td>
<td>001</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td>002</td>
</tr>
<tr>
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<td>D</td>
<td></td>
<td>003</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>004</td>
</tr>
</tbody>
</table>

### Dimension:

![Diagram of AC Charging Connector XP Series]

- **Vehicle Side:**
  - Width: 62.0
  - Depth: 251
  - Height: 34.0

- **Diagram:**
  - Vehicle Side
XP06-A AC Charging Connector

### 规格参数 Specifications:
- 额定电压 Rated Voltage: 250V AC
- 额定电流 Rated Current: 16A/32A
- 工作温度 Operation Temperature: -30℃ ~ +50℃
- 插拔寿命 Mating Cycles: ≥10000
- 耐电压 Voltage Resistance: 2500V AC
- 防护等级 IP Class: IP55(Mated)
- 电气保护 Touch Proof: IP2XB
- 阻燃等级 Flame Class: UL94-V0 (Thermoplastic Plastics)
- 插拔力 Mating Force: <100N
- 符合标准 Fulfilled Standard: SAE J1772-2010

### 特征和优点 Features and Benefits:
- 使用舒适方便 Convenient and comfortable use
- 插孔防触手设计 Socket touch-proof design
- 安全可靠 Security and reliable
- 所有内部电子元器件完全密封 All internal electronic components are completely sealed for protection

### 应用 Applications:
- 电动汽车, 充电设备 EV, Charging device
### 订购信息  Order Information:

#### 插头 Plug:

<table>
<thead>
<tr>
<th>系列 Series</th>
<th>电流 Current</th>
<th>相数 Phase</th>
<th>线缆 Cable</th>
<th>外壳颜色 Shell Color</th>
<th>插头类型 Plug Type</th>
<th>流水码 Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP06-A-V</td>
<td>1</td>
<td>S</td>
<td>1/2/3/4</td>
<td>C/D</td>
<td>2</td>
<td>001</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td>004</td>
</tr>
</tbody>
</table>

### 尺寸  Dimension:

![Dimensions Diagram]

- 58.7
- 250
- 27.8
- 71
- 36.0

Vehicle Side
XP06-C AC Charging Connector

**Specifications:**

- **Rated Voltage:** 250V/440V AC
- **Rated Current:** 16A/32A
- **Operation Temperature:** -30℃~+50℃
- **Mating Cycles:** ≥10000
- **Voltage Resistance:** 2500V AC
- **IP Class:** IP55 (Mated)
- **Touch Proof:** IP2XB
- **Flame Class:** UL94-V0 (Thermoplastic Plastics)
- **Mating Force:** <100N
- **Standard:** GB/T 20234.2-2015

**Features and Benefits:**

- **Convenient and comfortable use**
- **Socket touch-proof design**
- **Security and reliable**
- **All internal electronic components are completely sealed for protection**

**Applications:**

- EV, Charging device
### 订购信息 Order Information:

#### 插头 Plug:

<table>
<thead>
<tr>
<th>系列 Series</th>
<th>电流 Current</th>
<th>相数 Phase</th>
<th>线缆 Cable</th>
<th>外壳颜色 Shell Color</th>
<th>插头类型 Plug Type</th>
<th>流水码 Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP06-C-V</td>
<td>1</td>
<td>S</td>
<td></td>
<td>C/D</td>
<td>2/5</td>
<td>001</td>
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<td>S/T</td>
<td>1/2/3/4</td>
<td></td>
<td></td>
<td>002</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>C/D</td>
<td>2/5</td>
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<td>003</td>
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<td></td>
<td></td>
<td>004</td>
</tr>
</tbody>
</table>

备注：三相只适用于32A、63A  
Note: 3 Phase is only suitable for 32A、63A

### 尺寸 Dimension:

![Vehicle Side](image1)

Vehicle Side

![Power Supply Side](image2)

Power Supply Side

![Diagram](image3)
### XP06-E AC Charging Connector

#### Specifications:
- **Rated Voltage:** 250V/440V AC
- **Rated Current:** 16A/32A
- **Operation Temperature:** -30°C ~ +50°C
- **Mating Cycles:** ≥ 10000
- **Voltage Resistance:** 2500V AC
- **IP Class:** IP55 (Mated)
- **Touch Proof:** IP2XB
- **Flame Class:** UL94-V0 (Thermoplastic Plastics)
- **Mating Force:** <100N
- **Fulfilled Standard:** IEC 62196-2-2011

#### Features and Benefits:
- **Convenient and comfortable use**
- **Socket touch-proof design**
- **Security and reliable**
- **All internal electronic components are completely sealed for protection**

#### Applications:
- **EV, Charging device**
### Order Information:

**Plug:**

<table>
<thead>
<tr>
<th>Series</th>
<th>Current</th>
<th>Phase</th>
<th>Cable</th>
<th>Shell Color</th>
<th>Plug Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP06-E-V</td>
<td>1</td>
<td>S</td>
<td>1/2/3/4</td>
<td>C/D</td>
<td>2/5</td>
<td>001</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>S/T</td>
<td></td>
<td></td>
<td></td>
<td>002</td>
</tr>
</tbody>
</table>

#### Dimension:

Vehicle Side

- 70.0
- 60.0
- 34.5
- 251.6

Power Supply Side

- 237.8
- 44.5
- 51.4
- 58.7
XP64-C DC Charging Connector

**Specifications:**

- 额定电压 Rated Voltage: 750V DC
- 额定电流 Rated Current: 80/125/200/250A
- 工作温度 Operation Temperature: -30℃ ~ +50℃
- 插拔寿命 Mating Cycles: ≥10000
- 耐电压 Voltage Resistance: 3500V AC
- 防护等级 IP Class: IP55(Mated)
- 电气保护 Touch Proof: IP2XB
- 阻燃等级 Flame Class: UL94-V0 (Thermoplastic Plastics)
- 插拔力 Mating Force: <140N
- 符合标准 Fulfilled Standard: GB/T 20234.3-2015

**Features and Benefits:**

- 使用舒适方便 Convenient and comfortable use
- 温度检测、过温保护 Temperature detection, over temperature protection.
- 马达式电子锁 Motor interlock inside
- 安全可靠 Security and reliable
- 所有内部电子元器件完全密封 All internal electronic components are completely sealed for protection

**Applications:**

- 电动汽车, 充电设备 EV, Charging device
## Order Information:

### Plug:

<table>
<thead>
<tr>
<th>Series</th>
<th>Current</th>
<th>Cable</th>
<th>Shell Color</th>
<th>Code</th>
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<tbody>
<tr>
<td>XP64-C-V</td>
<td>1</td>
<td>1/2</td>
<td>G</td>
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</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td>002</td>
</tr>
<tr>
<td></td>
<td>3</td>
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<td></td>
<td>003</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td>004</td>
</tr>
</tbody>
</table>

### Dimension:

![Diagram of DC Charging Connector XP Series](image)

- **Vehicle Side**: 293 mm
- **Dimensions**: 79.0 mm

![Diagram of DC Charging Connector XP Series](image)
AC CHARGING INLET & SOCKET XR SERIES
AC Charging Inlet & Socket XR Series

XRxx - C - V 1 - S 1 - L 1 - 001

<table>
<thead>
<tr>
<th>系列</th>
<th>标准</th>
<th>应用场合</th>
<th>电流</th>
<th>相数</th>
<th>翻盖</th>
<th>电子锁</th>
<th>温度传感器</th>
<th>流水码</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>Standard</td>
<td>Operation</td>
<td>Current</td>
<td>Phase</td>
<td>Cap</td>
<td>Inter Lock</td>
<td>Temperature Sensor</td>
<td>Code</td>
</tr>
<tr>
<td>XRx</td>
<td>C</td>
<td>V - 车辆端 Vehicle</td>
<td>1-16A</td>
<td>1 - 单相 1 Phase</td>
<td>Open Left</td>
<td>Yes</td>
<td>Yes</td>
<td>001-3m</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>2-32A</td>
<td>2 - 右翻盖 Open Right</td>
<td></td>
<td></td>
<td></td>
<td>002-5m</td>
</tr>
<tr>
<td></td>
<td>E</td>
<td>电 - 供电端 Power Supply</td>
<td>3-63A</td>
<td>3 - 三相 3 Phase</td>
<td></td>
<td></td>
<td></td>
<td>003-6m</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 - 定制翻盖 Custom Flip</td>
<td></td>
<td></td>
<td></td>
<td>004-7.5m</td>
</tr>
</tbody>
</table>

Remark: 1. XRxx: xx indicate serial number. AC charging receptacle serial number is 01-59, XR and 01 serial receptacle display XR01; 2. Code: 001-004 indicate cable length used commonly. The cable length after 005 can be customized as per customer requirements; 3. E.g. XR02-C-V1-S1-L1-001 indicate XP02 series, vehicle side , 16A current, 1 phase, open left, without electronic lock, with temperature sensor, 3M cable; 4. Applicable for the type selection of our company XR series AC charging inlet & socket selection.
DC CHARGING INLET XR SERIES
### DC Charging Inlet XR Series

#### XRxx - C - V1 - 1 - N1 - 001

<table>
<thead>
<tr>
<th>系列 (Series)</th>
<th>标准 (Standard)</th>
<th>应用场合 (Operation)</th>
<th>电流 (Current)</th>
<th>翻盖 (Cap)</th>
<th>电子锁 (Interlock)</th>
<th>温度传感器 (Temperature Sensor)</th>
<th>流水码 (Code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>XRxx</td>
<td></td>
<td>Vehicle</td>
<td>1 - 80A</td>
<td>1 - Open Left</td>
<td>1 - Yes</td>
<td>1 - 3m</td>
<td>001 - 3m</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2 - 125A</td>
<td>2 - Open Right</td>
<td></td>
<td></td>
<td>002 - 5m</td>
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<td></td>
<td></td>
<td></td>
<td>3 - 200A</td>
<td>3 - Cap</td>
<td>2 - No</td>
<td></td>
<td>003 - 6m</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4 - 250A</td>
<td>4 - Custom Flip</td>
<td></td>
<td></td>
<td>004 - 7.5m</td>
</tr>
</tbody>
</table>

**Remark:**
1. XRxx: xx indicate serial number. DC charging receptacle serial number is 61~99, XR and 61 serial receptacle display XR61.
2. Code: 001~004 indicate cable length used commonly. The cable length after 005 can be customized as per customer requirements.
3. E.g. XR61-C-V1-1-L1-001 indicate XR61 series, GB/T standard, vehicle side, 80A current, open left, without electronic lock, with temperature sensor, 3M cable.
4. Applicable for the type selection of our company XR series DC charging inlet selection.
XR02-C AC Charging Vehicle Inlet

**Specifications:**

- **Rated Voltage:** 250V AC/440V AC
- **Rated Current:** 16/32/63A
- **Operation Temperature:** -30℃ ~ +50℃
- **Mating Cycles:** ≥ 10000
- **Voltage Resistance:** 2500V AC
- **IP Class:** IP55 (Mated)
- **Touch Proof:** IP2XB
- **Flame Class:** UL94-V0 (Thermoplastic Plastics)
- **Mating Force:** <100N
- **Fulfilled Standard:** GB/T 20234.2-2015

**Features and Benefits:**

- **Convenient and comfortable use**
- **Socket touch-proof design**
- **Protective cover can be left open or right open**
- **Security and reliable**
- **Pass strong inspection and certification**
- **Temperature detection**

**Applications:**

- **EV, Charging device**
## Order Information:

###插座 Inlet：

<table>
<thead>
<tr>
<th>系列 Series</th>
<th>标准 Standard</th>
<th>应用场合 Operation</th>
<th>电流 Current</th>
<th>相数 Phase</th>
<th>盖子 Cap</th>
<th>电子锁 Inter Lock</th>
<th>温度传感器 Temperature Sensor</th>
<th>流水码 Code</th>
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<td>V</td>
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<td>S/T</td>
<td>L/N</td>
<td>1/2</td>
<td></td>
<td>001~3m</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
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<td>002~5m</td>
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<td>003~6m</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>004~7.5m</td>
</tr>
</tbody>
</table>

### XR02-C-V1-S1-L1-xxx

- 国标 GB/T Standard
- 单相 1 Phase
- 不带电子锁 Without Electronic lock
- 不带温度传感器 Without Temperature Sensor

### XR02-C-V1-S1-N2-xxx

- 国标 GB/T Standard
- 单相 1 Phase
- 不带电子锁 Without Electronic lock
- 不带温度传感器 Without Temperature Sensor

### XR02-C-V1-S3-N2-xxx

- 国标 GB/T Standard
- 单相 1 Phase
- 不带电子锁 Without Electronic lock
- 不带温度传感器 Without Temperature Sensor
XR03-C AC Charging Socket

**Specifications:**

- 额定电压 Rated Voltage: 250V AC/440V AC
- 额定电流 Rated Current: 16/32A
- 工作温度 Operation Temperature: -30°C ~ +50°C
- 插拔寿命 Mating Cycles: ≥10000
- 耐电压 Voltage Resistance: 2500V AC
- 防护等级 IP Class: IP55(Mated)
- 电气保护 Touch Proof: IP2XB
- 阻燃等级 Flame Class: UL94-V0 (Thermoplastic Plastics)
- 插拔力 Mating Force: <100N
- 符合标准 Fulfilled Standard: GB/T 20234.2-2015

**Features and Benefits:**

- 使用舒适方便 Convenient and comfortable use
- 插孔防触手设计 Socket touch-proof design
- 防护盖可以左打开或者右打开 Protective cover can be left open or right open
- 安全可靠 Security and reliable
- 通过强检认证 Pass strong inspection and certification
- 温度检测 Temperature detection

**Applications:**

- 电动汽车, 充电设备 EV, Charging device
**Order Information:**

- **Socket:**

<table>
<thead>
<tr>
<th>Series</th>
<th>Standard</th>
<th>Operation</th>
<th>Current</th>
<th>Phase</th>
<th>Cap</th>
<th>Inter Lock</th>
<th>Temperature Sensor</th>
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<td>1/2/3</td>
<td>L/N</td>
<td>1/2</td>
<td>001~3m</td>
</tr>
<tr>
<td></td>
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<td>002~5m</td>
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<td>003~6m</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>004~7.5m</td>
</tr>
</tbody>
</table>

**XR03-C-E1-S1-L1-xxx**

- ■ 型号 GB/T Standard
- ■ 单相 1 Phase
- ■ 左翻盖 Open Left
- ■ 带电子锁 With Electronic lock
- ■ 带温度传感器 With Temperature Sensor

**XR03-C-E1-S1-N2-xxx**

- ■ 型号 GB/T Standard
- ■ 单相 1 Phase
- ■ 左翻盖 Open Left
- ■ 不带电子锁 Without Electronic lock
- ■ 不带温度传感器 Without Temperature Sensor

**XR02-C-E1-S3-L1-xxx**

- ■ 型号 GB/T Standard
- ■ 单相 1 Phase
- ■ 独立盖 Cap
- ■ 带电子锁 With Electronic lock
- ■ 带温度传感器 With Temperature Sensor

**XR02-C-E1-S3-N2-xxx**

- ■ 型号 GB/T Standard
- ■ 单相 1 Phase
- ■ 独立盖 Cap
- ■ 不带电子锁 Without Electronic lock
- ■ 不带温度传感器 Without Temperature Sensor
XR04-C AC Charging Vehicle Inlet

**Specifications:**

- 额定电压 Rated Voltage: 250V AC/440V AC
- 额定电流 Rated Current: 16/32/63A
- 工作温度 Operation Temperature: -30℃ ~ +50℃
- 插拔寿命 Mating Cycles: ≥10000
- 耐电压 Voltage Resistance: 2500V AC
- 防护等级 IP Class: IP55(Mated)
- 电气保护 Touch Proof: IP2XB
- 阻燃等级 Flame Class: UL94-V0 (Thermoplastic Plastics)
- 拔力 Mating Force: <100N
- 符合标准 Fulfilled Standard: GB/T 20234.2-2015

**Features and Benefits:**

- 使用舒适方便 Convenient and comfortable Use
- 插孔防触手设计 Socket touch-proof design
- 防护盖可以左打开或者右打开 Protective cover can be left open or right open
- 安全可靠 Security and reliable
- 通过强检认证 Pass strong inspection and certification
- 温度检测 Temperature detection

**Applications:**

- 电动汽车, 充电设备 EV, Charging device
**Order Information:**

- **Series**: XR04
- **Standard**: C
- **Operation**: V
- **Current**: 1/2/3
- **Phase**: S/T
- **Cap**: 1/2
- **Inter Lock**: L/N
- **Temperature Sensor**: 1/2
- **Code**:
  - 001-3m
  - 002-6m
  - 003-6m
  - 004-7.5m

**Details**:

- **XR04-C-V1-S1-L1-xxx**
- **XR04-C-V1-S1-N2-xxx**

- ●标签 GB/T Standard
- ●车辆端 Vehicle Side
- ●单相 1 Phase
- ●左盖 Open Left
- ●带电子锁 With Electronic lock
- ●带温度传感器 With Temperature Sensor

- ●标签 GB/T Standard
- ●车辆端 Vehicle Side
- ●单相 1 Phase
- ●左盖 Open Left
- ●不带电子锁 Without Electronic lock
- ●不带温度传感器 Without Temperature Sensor
XR05-C AC Charging Socket

### Specifications:

- 额定电压 Rated Voltage: 250V
- 额定电流 Rated Current: 16/32A
- 工作温度 Operation Temperature: -30℃ ~ +50℃
- 插拔寿命 Mating Cycles: ≥10000
- 耐电压 Voltage Resistance: 2500V AC
- 防护等级 IP Class: IP55(Mated)
- 电气保护 Touch Proof: IP2XB
- 阻燃等级 Flame Class: UL94~V0 (Thermoplastic Plastics)
- 插拔力 Mating Force: <100N
- 符合标准 Fulfilled Standard: GB/T 20234.2-2015

### Features and Benefits:

- 使用舒适方便 Convenient and comfortable use
- 通过严检认证 All internal electronic components are completely sealed for protection
- 安全可靠 Security and reliable
- 温度检测、过温保护 Temperature detection, over temperature protection

### Applications:

- 电动汽车, 充电设备 EV, Charging device
### Order Information:

#### Socket:

<table>
<thead>
<tr>
<th>Series</th>
<th>Standard</th>
<th>Operation</th>
<th>Current</th>
<th>Phase</th>
<th>Cap</th>
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<td>1/2/3</td>
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<td>1/2</td>
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<td></td>
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<td>002-1m</td>
</tr>
</tbody>
</table>

**XR05-C-V1-S1-L1-xxx**

- GB/T Standard
- Power Supply Side
- Custom Flip
- With Lock
- Single Phase
- With Temperature Sensor
XR61-C DC Charging Inlet

**规格参数 Specifications:**
- 额定电压 Rated Voltage: 750V
- 额定电流 Rated Current: 80/125/200/250A
- 工作温度 Operation Temperature: -30℃~+50℃
- 插拔寿命 Mating Cycles: ≥10000
- 耐电压 Voltage Resistance: 2500V AC
- 防护等级 IP Class: IP55(Mated)
- 电气保护 Touch Proof: IP2XB
- 阻燃等级 Flame Class: UL94-V0 (Thermoplastic Plastics)
- 插拔力 Mating Force: <140N
- 符合标准 Fulfilled Standard: GB/T 20234.3-2015

**特征和优点 Features and Benefits:**
- 使用舒适方便 Convenient and comfortable use
- 温度检测、过温保护 Temperature detection, over temperature protection.
- 安全可靠 Security and reliable
- 全部内部电子元器件完全密封 All internal electronic components are completely sealed for protection

**应用 Applications:**
- 电动汽车, 充电设备 EV, Charging device
ORDER INFORMATION:

# 插座 Inlet:

<table>
<thead>
<tr>
<th>系列</th>
<th>标准</th>
<th>应用场合</th>
<th>电流</th>
<th>翻盖</th>
<th>电子锁</th>
<th>温度传感器</th>
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<td>001-3m</td>
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<td></td>
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</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td>004-7.5m</td>
</tr>
</tbody>
</table>

XR61-C-V1-1-N1-xxx

● 国标 GB/T Standard
● 端子端 Vehicle Side
● 无电子锁 Without Electronic lock
● 单相 1 Phase
● 带温度传感器 With Temperature Sensor
XR00-C Socket

**Applications:**
- Electric vehicle side socket without terminal (for hanging plug)

**Order Information:**

<table>
<thead>
<tr>
<th>Series</th>
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</thead>
<tbody>
<tr>
<td>XR00-C</td>
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</table>
XR60-C Socket

**Applications:**
- DC charging socket without terminal (for hanging plug)

**Order Information:**

**Socket:**

<table>
<thead>
<tr>
<th>Series</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>XR60-C</td>
<td>E</td>
</tr>
</tbody>
</table>
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