

IEC62196-2 Type 2 Charging cable

Product Introduction

AP Charging Cable complies with IEC 62196-2 (also known as Type 2) are specifically designed for electric vehicles (EVs) and plug-in hybrid electric vehicles (PHEVs) to ensure safe and efficient charging throughout the world, especially in Europe and many regions where international standards are adopted. The standard specifies the size, electrical characteristics and safety requirements of charging interfaces, thereby facilitating interoperability between different brands of electric vehicles and charging infrastructure. We offer you the European standard AC type 2 open-end charging cable and Type2 to Type2 charging cable, and we can also customize the cable type and length as required.



Product Features

- Comply with IEC 62196-2 regulations and requirements
- The hand-held design is ergonomic and comfortable
- Product protection level up to IP 55 (working environment)
- Customized fixed current according to customer needs

Technical performances

01 Mechanical Performance

| | |
|------------------|-----------------------------|
| Plastic shell | thermoplastic |
| Contact terminal | Copper Alloy, Silver-plated |
| Mechanical life | ≥10,000 times |

02 Environment Performance

| | |
|------------------------|-------------|
| Operating temperature | -30°C~+50°C |
| Protection degree | IP54 |
| Flame-retardant grades | UL94 V-0 |

03 Electrical performance

| | |
|-------------------|-------------|
| Temperature Rise | <50K |
| Rated current | 16A/20A/32A |
| Rated voltage | 250V/480V |
| Withstand voltage | 2500V |
| Contact resistant | 0.5mΩ Max |

Performance Specifications

| Type 2 Open-end Charging Cable | | | |
|--------------------------------|----------------|-----------------|-----------------------------------------------------------------|
| Code | Type | Current/Voltage | Cable specification |
| 8001 | AP-EVP-116-TC2 | 16A/250V | 3*2.5mm ² +2*0.5mm ² /OD 10.2±0.3mm/Black |
| 8002 | AP-EVP-132-TC2 | 32A/250V | 3*6mm ² +2*0.5mm ² /OD 12.8±0.3mm/Black |
| 8003 | AP-EVP-316-TC2 | 16A/480V | 5*2.5mm ² +2*0.5mm ² /OD 12.8±0.3mm/Black |
| 8004 | AP-EVP-332-TC2 | 32A/480V | 5*6mm ² +2*0.5mm ² /OD 16±0.3 mm/Black |

Statement: The cable length can be customized according to your demand

| Type 2 -Type 2 Charging cable | | | |
|-------------------------------|-----------------|----------|-----------------------------------------------------------------|
| Code | Type | Current | Cable specification |
| 8005 | AP-EVP-M2F2-116 | 16A/250V | 3*2.5mm ² +2*0.5mm ² /OD 10.2±0.3mm/Black |
| 8006 | AP-EVP-M2F2-132 | 32A/250V | 3*6mm ² +2*0.5mm ² /OD 12.8±0.3mm/Black |
| 8007 | AP-EVP-M2F2-316 | 16A/480V | 5*2.5mm ² +2*0.5mm ² /OD 12.8±0.3mm/Black |
| 8008 | AP-EVP-M2F2-332 | 32A/480V | 5*6mm ² +2*0.5mm ² /OD 16±0.3 mm/Black |

Statement: The cable length can be customized according to your demand

| EN50620 H07BZ5-F | | | |
|------------------|-------------------------|-----------------------|-----------------------------------------------------------------|
| Code | Type | Rated Current/voltage | Cable Specification |
| 9001 | AP-H07BZ5-F 3*2.5+2*0.5 | 16A/250V | 3*2.5mm ² +2*0.5mm ² /OD 10.2±0.3mm/Black |
| 9002 | AP-H07BZ5-F 3*6+2*0.5 | 32A/250V | 3*6mm ² +2*0.5mm ² /OD 12.8±0.3mm/Black |
| 9003 | AP-H07BZ5-F 5*2.5+2*0.5 | 16A/480V | 5*2.5mm ² +2*0.5mm ² /OD 12.8±0.3mm/Black |
| 9004 | AP-H07BZ5-F 5*6+2*0.5 | 32A/480V | 5*6mm ² +2*0.5mm ² /OD 16±0.3 mm/Black |

Statement: The cable length can be customized according to your demand