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℃~+50℃
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*2.5mm²+2*0.5mm²/OD 10.2±0.3mm/Black
8002	AP-EVP-132-TC2	32A/250V	3*6mm²+2*0.5mm²/OD 12.8±0.3mm/Black
8003	AP-EVP-316-TC2	16A/480V	5*2.5mm²+2*0.5mm²/OD 12.8±0.3mm/Black
8004	AP-EVP-332-TC2	32A/480V	5*6mm²+2*0.5mm²/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*2.5mm²+2*0.5mm²/OD 10.2±0.3mm/Black
8006	AP-EVP-M2F2-132	32A/250V	3*6mm²+2*0.5mm²/OD 12.8±0.3mm/Black
8007	AP-EVP-M2F2-316	16A/480V	5*2.5mm²+2*0.5mm²/OD 12.8±0.3mm/Black
8008	AP-EVP-M2F2-332	32A/480V	5*6mm²+2*0.5mm²/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*2.5mm²+2*0.5mm²/OD 10.2±0.3mm/Black
9002	AP-H07BZ5-F 3*6+2*0.5	32A/250V	3*6mm²+2*0.5mm²/OD 12.8±0.3mm/Black
9003	AP-H07BZ5-F 5*2.5+2*0.5	16A/480V	5*2.5mm²+2*0.5mm²/OD 12.8±0.3mm/Black
9004	AP-H07BZ5-F 5*6+2*0.5	32A/480V	5*6mm²+2*0.5mm²/OD 16±0.3 mm/Black
Statement：The cable length can be customized according to your demand			