

AUPINS S Series

Type 2 IEC 62196 Charging Cable Tailored for Global Markets / Market Compatibility

The AUPINS S Series Type 2 IEC 62196 Charging Cable is a robust AC EV charging solution designed for Global Market. It is certified with CE, ROHS, UKCA in accordance with IEC 62196-2 standard, supporting 16A/32A current and up to 3.5kW/7kW/11kW/ 22kW power output, it offers reliable charging for residential, public, and commercial stations across Europe and other Type 2-standard regions. Built with flame-retardant materials and a weather-resistant TPU cable, it ensures safe, efficient, and durable performance in all conditions.

Input Voltage

220V single phase /
440V AC three-phase

Maximum Power

Up to 3.5kW/7kW/11kW/22kW
(400V × 32A)

Output Current

16A / 20A / 32A (depending on
model)

Working Temperature

-30°C to +50°C



Input Frequency

50Hz / 60Hz

Output Voltage

220V/400V AC

Applicable Scenarios

Residential, commercial, and
workplace EV charging stations
using the IEC 62196-2 Type 2
interface; compatible with
European and other Type 2
standard markets

Protection Level

IP55, impact-resistant TPU insulation

Why Choose AUPINS S Series Type 2 IEC 62196 Charging Cable?

The AUPINS S Series Type 2 IEC 62196 Charging Cable is a high-performance EV charging solution designed for fast, safe, and reliable charging of electric vehicles across Europe and regions adopting the IEC 62196-2 standard. Supporting up to 32A and 22kW, this Type 2 charging cable delivers efficient AC charging for residential, commercial, and public use. Built with premium copper wiring, flame-retardant insulation, and an IP55-rated durable shell, the cable ensures excellent heat resistance, weatherproofing, and long-lasting performance. With CE, TUV, and RoHS certifications, the AUPINS S Series Type 2 IEC 62196 Charging Cable guarantees safety, compatibility, and peace of mind. Whether you need a dependable home EV charger or a portable cable for travel, this robust and user-friendly AUPINS S Series Type 2 IEC 62196 Charging Cable is the ideal choice for modern electric vehicle owners.

Parameter

| AUPINS S Series Type2 IEC 62196 Charging Cable | |
|--|---|
| Specification | S (Speed) Series |
| Item | Details |
| Standard | IEC 62196-2 (Type 2 - Type 2)(Type 2-open end) |
| Rated Current | 16A / 32A |
| Rated Voltage | 250V (Single Phase) / 480V (Three Phase) |
| Certificate | TUV, CE, UKCA,CB |
| Cable Structure | 16A Single Phase: 3×2.5mm ² + 2×0.5mm ² |
| | 32A Single Phase: 3×6mm ² + 2×0.5mm ² |
| | 16A Three Phase: 5×2.5mm ² + 2×0.5mm ² |
| | 32A Three Phase: 5×6mm ² + 2×0.5mm ² |
| Cable Insulation | XLPO (Cross-linked Polyolefin) |
| Sheath Material | TPU (Thermoplastic Polyurethane) |
| Connector Housing | PC + PBT Alloy |
| Contact Material | Copper Alloy, Silver-Plated |
| Sealing Material | Silicone Rubber |
| Cable Form | Straight, Spiral Type |
| Protection Level | IP55, IK08 |
| Customization Options | Cable Length: Yes |
| | Cable Color: Yes |
| | Plug Color: Yes |
| | Logo Printing: Yes |
| Mechanical Life | 10,000 Mating Cycles (No-load Plug) |
| Insertion Force | <100N |
| Contact Resistance | ≤0.5 mΩ |
| Insulation Resistance | >1000MΩ (DC 500V) |
| Withstand Voltage | 2500V AC |
| Temperature Rise of Pins | <50K |
| Operating Temperature | -30°C to +50°C |
| Impact Resistance | 1m Drop Test + 2T Vehicle Overrun |
| Flame Retardant Grade | UL94 V-0 |