

Usage Instructions

1. Ensure the output power cable of the European standard charging gun meets the rated current and output power requirements, with good contact at the power supply terminals.
2. The ambient temperature must be within the range of -30°C to +50°C (-22°F to +122°F). Keep away from open flames or heating objects, avoid high temperatures, handle with care, and avoid dropping or impact.
3. Connect the adapter in the direction indicated by the arrow on the adapter (the arrow points to the vehicle side).
4. The adapter is available with IP55 protection ratings, but seals may degrade over time, reducing protection levels. Therefore, avoid placing the adapter in low-lying or water-prone areas to prevent leakage. The operating altitude must not exceed 2000 meters.

ST-E050B

Adapter (AC)

TYPE 2 TO J1772



User Manual

Technical Parameter

Electrical Parameters	
Work Voltage:	AC 110V~240V
Rate Current:	32A MAX
Terminal Temp Rise:	<50K
Withstand Voltage:	1500V
Material Parameters	
Case Material:	PC+PA66+GF25%
Conductor:	Copper alloy with silver plating
Coupled Insertion Force :	45N<F<100N
No-Load Plugin/Out:	>10,000 times
Environmental Parameters	
Work Temperature:	-30°C~+50°C(-22°F~+122°F)
Work Humidity:	5%~95%
Work Altitude:	≤ 2000 Meter
IP Code:	IP55 (Optional)
Certification:	CE
Size&Package	
Product Size:	L:168.3*W:60.0*H:55.5mm
Inner Box:	L:186.0*W:75.0*H:75.0mm
Outer Carton:(10 pieces)	L:400.0*W:210.0*H:175.0mm
Net Weight: (1 pieces)	≤ 1KG

Product Overview

Overview

This series of products are single-phase input/output AC charging interface adapters, with rated currents of 32A . They are primarily used for electric vehicle AC charging. The product adopts an industrial design principle, offering ease of use, flexible configuration, and a compact size.

Features

- Power connection methods: Optional single-phase three-wire, European standard single hot-wire.
- Rated output current: Optional 32A MAX.
- Dustproof and waterproof rating: Optional IP55.

Applications

AC charging for new energy vehicles.

Safety Precautions

- Always disconnect the power supply when replacing the adapter to prevent electric shock. The connection between the adapter and the charging gun must be secure and well-insulated. Loose or damaged connections may cause circuit malfunctions, severe injuries, or even fires.
- Any faults that may affect safety must be resolved by professional technicians.
- The company is not liable for any losses caused by failure to comply with the safety precautions.