

AC Portable EV Charger

Instruction Manual



Reminder: Product pictures of this manual are for informational purposes only, subject to physical information

Foreword

Thank you for your support of this product. The company focuses on the field of new energy electric vehicle charging, and is committed to providing customers with excellent charging equipment and complete charging operation solutions.

The electric vehicle charging pile developed by our company has advanced functions, stable performance, wide application range, strong practicability, mature power station construction and operation solutions, and a good reputation in the industry.

To ensure that you can use this product correctly and safely, please read the instruction manual carefully before use. Before you use it for the first time, if the product is found to be defective, we will replace the product for you on the premise that the product packaging is complete and the product has not been used; but it does not include improper use, unauthorized dis-assembly, deliberate destruction and other human factors.

AC Single-phase Portable Charger

Portable and Convenient

Simple and portable.

Charge your EV wherever and whenever.

Plug and Play

Easy operation, plug and play.

Charging EV just like charging your mobile phone.

Adjust current

Adjust current to meet different charging needs.

8A/10A/13A/16A 4 gear current adjustment.

Friendly Interface

Intuitive HMI with LED indicators.

With LED screen display more intuitive.

Multiple Protection

Over/Under voltage protection, Current leakage protection, Lightning-proof protection, Short-circuit protection,

Over current protection, Grounding protection, Overload protection, Overheat protection, Dustproof and waterproof IP65 level.

Product Specifications:

| Specification | Model | TDT-A1-1P-EV016 | |
|------------------|-----------------------|--|--|
| | | <input type="checkbox"/> Classic Style | <input checked="" type="checkbox"/> Adjust Current |
| AC Input | Voltage | 230 V 50Hz | |
| | Current | 16A(MAX) | |
| AC Output | Voltage | 230V 50Hz | |
| | Current | 13A (Not adjustable) | 8/10/13/16A (4 gear adjustment) |
| | Power | 3KW (MAX) | 3.6KW (MAX) |
| Structure Design | Housing Material | Aviation aluminum & ABS+PC | |
| | LED Indicator | 4 indicators | |
| | Display screen | / | LCD display |
| | Power Cord Plug | EU plug | |
| | Charging Plug | One charging plug (Type 2) | |
| | Cable Length | 0.5m (power cord) | |
| 4.5m (Plug wire) | | | |
| Environmental | Operating Temperature | -30 ~ +50 °C | |
| | Working Humidity | 5%~95% Without condensation | |
| | Working Altitude | <2000M | |
| Index | Protection Grade | IP65 | |
| | Application Site | Indoor / Outdoor | |
| | Cooling Method | Natural cooling | |
| | MTBF | 50,000 hours | |
| | Plug Connector | IEC 62196 | |
| | Warranty | 1 year | |

Portable EV Charger HMI

★ LED Indicator:

1. POWER LIGHT: Power indicator.
2. CONNECTOR LIGHT: Connection status indicator.
3. STATUS LIGHT: Charging status indicator.
4. FAULT LIGHT: Fault alarm indicator.

The indicate details, please refer to product you purchase.

| PRODUCT STATUS | POWER LIGHT | CONNECTOR LIGHT | STATUS LIGHT | FAULT LIGHT |
|----------------------------|-------------|-----------------|--------------|-------------|
| Standby | light | went out | went out | went out |
| Connecting | light | flashing | went out | went out |
| Charging | light | light | flashing | went out |
| Connect fault | light | light | light | light |
| Finished charging | light | light | light | went out |
| Ground protection warning | light | went out | went out | light |
| Leakage warning | light | went out | light | light |
| over/under voltage warning | light | went out | went out | flashing |
| Over current warning | light | went out | light | flashing |

★ LCD Display:

LCD display shows current gear and voltage.

★ Current Adjust Button (This operation is only for adjustable current version):

8A/10A/13A/16A 4 gear current adjustment. When other currents are needed for charging, double-click the current button to switch, the current switching sequence is 8A→10A→13A→16A (Adjustable only in standby mode).



Charging Operation

Operation Guidelines for portable charger:

1. First, insert the plug of the portable charger into the power socket, and then turn on the portable charger and perform a self-inspection.
2. **This step only for adjustable current one.** When other currents are needed for charging, double-click the button to switch, the current switching sequence is 8A→10A→13A→16A (Adjustable only can be done in standby mode).
3. Secondly, plug the charging plug into the AC inlet of the electric vehicle, and the portable EV charger starts to charge the electric vehicle.
4. After charging is complete, unplug the charging plug and then power off the charger.
5. Finally, put the charger back into the portable bag.



Transportation and Storage

★ Transportation

During transportation, the product should not be subjected to severe vibration, impact and inversion.

★ Storage

If the product is not used immediately after purchase, it should be stored in a dry and well-ventilated indoor place during short-term or long-term storage. Do not store in a humid environment or a place exposed to sunlight.

The equipment operates under normal operating conditions and usually does not require special maintenance during its service life. If you have any questions, please contact the manufacturer.

WARNING

1. Do not use the device when the charging cable damaged.
2. When using this product, the power supply wires must be well grounded.
3. It is strictly forbidden to use external wires or adapters.
4. This equipment contains high voltage. Non-professionals should not open the cover.
5. Suggestion: Use this equipment to charge electric vehicles in a ventilated environment.