

Portable EV Car Charger engineered to endure harsh weather conditions with IP65 dust and water resistance for outdoor

Our Product Introduction

Basic Information

- Brand Name: TIANJIN TOEC HUADIAN TECHNOLOGY CO., LTD
- Model Number: HD-SY2-16S



Product Specification

- Output Power: 11kw
- Input Voltage: 110/480V
- Rated Current: 16-50A
- Rated Voltage: 110-480V
- Rated Power: 3.6-22KW
- Temperature: -40 To +55
- Highlight: Portable EV car charger IP65,
Outdoor EV car charger waterproof,
Weatherproof portable EV charger

Product Description

We usually export large quantities to foreign countries. Hope to find more trade partners.

Engineered to Endure – Wherever Life Takes You

Your EV charger shouldn't be fair-weather gear. This unit is built not just to function—but to thrive—in the harshest conditions nature can throw at it.

Crafted from high-grade flame-retardant PC material, it meets stringent safety standards for fire resistance. Its rugged housing resists cracking, warping, and degradation—even after years of exposure to UV rays, freezing rain, desert heat, or coastal humidity. With an IP65 rating, it's fully protected against dust ingress and powerful water jets, making it ideal for garages without doors, outdoor driveways, or roadside emergencies.

But true safety goes beyond the shell. Inside, the charger features dual thermal sensors that continuously monitor internal temperature. If things get too hot—say, during a summer afternoon charge—the system automatically pauses charging at 85°C and only resumes when it cools back down to 75°C, preventing damage to both the charger and your vehicle's battery.

It also includes a comprehensive suite of electronic protections:

Over current and over voltage safeguards prevent electrical surges

Leakage current detection shuts down power if a fault is sensed

Lightning and static discharge protection shield sensitive components

Short-circuit prevention ensures safe operation even with damaged cables

Every component, from the copper contacts to the internal circuitry, is tested for over 10,000 plug-in cycles, guaranteeing long-term reliability. When you choose this charger, you're not just buying hardware—you're investing in peace of mind, mile after mile, season after season.

Including but not limited to the following vehicle types



Audi



BMW



Chevy



Ford



Honda



Hyundai



Kia



Mazda



Mercedes-Benz



Nissan



Porsche



Rivian



Subaru



Toyota



Volkswagen



Volvo





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