

Portable EV Car Charger Providing Stable Power Delivery with Over Voltage Under Voltage and Leakage Current Protections

Our Product Introduction

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Basic Information

- Brand Name: TIANJIN TOEC HUADIAN TECHNOLOGY CO., LTD
- Model Number: HD-SY1-16S



Product Specification

- Output Power: 3.6W
- Input Voltage: 110/240V
- Output Current: 16A
- IP Rating: IP65
- Certifications: FCC
- Highlight: portable EV car charger with safety protections, EV car charger with stable power delivery, portable electric vehicle charger with voltage protection

Product Description

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

Six-Layer Safety System – Protecting You, Your Car, and Your Home

Charging your EV should be fast, convenient, and above all—safe. This intelligent portable charger features a comprehensive six-protection mechanism that actively monitors and safeguards your charging process from start to finish.

Equipped with advanced sensors and smart circuitry, it automatically detects and responds to potential hazards:

Over current protection prevents electrical overload

Over voltage and under voltage protection ensures stable power delivery

Leakage current detection shuts down instantly if a fault is found

Over-temperature protection stops charging when heat exceeds safe levels

Lightning surge protection shields against voltage spikes

Automatic fault repair attempts recovery from communication or power issues

It also includes an intelligent temperature control system that pauses charging when internal temperature reaches 85°C and resumes only when it drops below 75°C, preventing overheating and extending battery life.

The built-in LCD screen provides real-time feedback on charging status, voltage, current, and any alerts—so you're always informed. With full compliance to CE and FCC certifications, this charger meets global safety standards for both indoor and outdoor use.

No matter where or when you charge, you can trust that your vehicle and home are protected by engineering that prioritizes safety first.



MAX 22KW

ONE PHASE 16A/32A

THREE PHASE 16A/32A



OPTIONAL WALL END PLUG



3 phase CEE



1 phase CEE



UK



Schuko



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