DHI-ICS-A035E-H1E

Portable EV Charger

- Developed with a sleek and innovative curved design, and is lightweight and portable.
- Equipped with an AC charging port, electrical heating units, metering capabilities, and safety protection features.
- Supports switching between 4 different current levels. It can also be easily started and stopped through the app, and offers scheduled charging and Plug and Play for your convenience.
- Offers up to 12 safety features and is IP66 and IK08 rated.
- Engineered for safety and convenience, it charges directly from a household outlet, making it suitable for both indoor and outdoor use.

Series Overview

The Dahua Intelligent Portable EV Charger offers adjustable power options and features a Type 2 charging connector. It integrates advanced electrical safety features and multiple protective capabilities into a single unit, combining control, metering, and safety protection for a seamless and reliable charging experience. With an IP66 rating, it is ideal for outdoor use in various weather conditions. Its stylish and minimalist design makes it lightweight and convenient, enabling it to be a dependable charging companion.

Functions

Multiple Start Methods

Highly flexible, the charger can be easily started and stopped through the app, scheduled charging and Plug and Play, making it suitable for a wide variety of scenes and usage habits.

Space-saving and Portable

With a built-in stash packet, the charger is both compact and portable, making it convenient to carry without occupying unnecessary space. Additionally, it can be easily stored in your vehicle.

Smart and User-friendly

Offers smart management through Bluetooth, and supports scheduled charging for a single time or multiple times. The current level can also be conveniently switched by pressing the button or accessing the app.

Flexible Current Options

With the ability to switch between different current levels, you can customize the charging process to suit your preferences.

Safety First Features

It is IP66 rated and was built with UL94-V0 level flame-resistant material. It is also IK08 rated and offers 15 additional safety features.

Scene

Suitable for both indoor and outdoor use, it can be utilized in home power outlets, urban private parking spaces, rural courtyard parking, homestays, suburban areas, and other areas with limited access to charging stations.

Technical Specification

Electrical

Rated Power	3.5 kW
Input Voltage	220 VAC ± 20%
Rated Input Frequency	50/60 ±3 Hz
Metrology Testing	Onboard
Output Voltage	220 VAC ± 20%
Rated Output Current	16 A
Standby Power Consumption	≤4.3 W
Man-Machine Interaction	Status indicator; button; current indicator

Function

Startup Method	APP charging, plug and play
Status Indicator Light	Blue flashing: Charging Blue: Reserved Red flashing: Fault Yellow: Upgrading Green flashing: Charging stopped Green: Available
Bluetooth	Yes
Auto Timing	Yes
Update	Bluetooth

Basic

Types of Protection	Protects against overvoltage, undervoltage, short circuit, overcurrent, overtemperature, relay adhesion,surge, leakage, overfrequency, underfrequency,lightning and CP disconnection . It can also support grounding protection.
Cooling Method	Self-cooling method
Measurement Accuracy	Level 1

Structure

Casing Material	UL94-V0 rated PC
Product Dimensions	97 mm × 200 mm × 56 mm (3.82" × 7.87" × 2.20") (W × H × D)
Packaging Dimensions	393 mm × 116 mm × 280 mm (15.48" × 4.57" × 10.91") (W × H × D)
Net Weight	1.82 kg (4.01 lb)
Gross Weight	2.54 kg (5.60 lb)
Cable Length	5 m (this includes the connector)

Environment

Operating Temperature	–30 °C to +55 °C (– 22 °F to +131 °F)
Operating Humidity	5%–95% (RH), non-condensing
Operating Altitude	≤2,000 m (6,561.68 ft)
Vandal-proof Rating	IK08
Protection	IP66 (main controller), IP55 (in coupling status)
Noise Control	55 dB

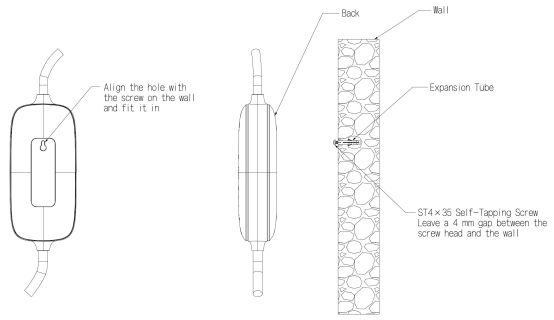
Certification

Certifications	IEC 61296-2; IEC 61851-1

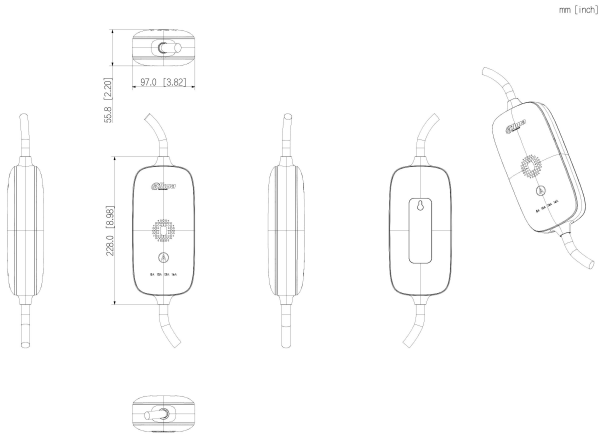
Ordering Information

Type	Model	Description
Portable EV Charger	DHI-ICS-A035E-H1E	Portable EV Charger

Installation



Dimensions (mm[inch])



Rev 002.000 © 2025 Dahua. All rights reserved. Design and specificatons are subject to change without notce.
Pictures in the document are for reference only, and the actual product shall prevail.