

DHI-ICS-MBE-1C

EV Charger Bracket



- Supports RS-485 communication.
- Operating temperature: $-30\text{ }^{\circ}\text{C}$ to $+50\text{ }^{\circ}\text{C}$ ($-22\text{ }^{\circ}\text{F}$ to $+122\text{ }^{\circ}\text{F}$).
- The light strip on the bracket of the EV charger indicates the status of the charger. A green light indicates that the EV charger is available, while a blue light indicates it is unavailable.
- Protects against surges, overtemperature, overvoltage, overcurrent, lightning and short circuits.

Series Overview

The EV Charger Bracket is uniquely designed to provide support for the EV Charger, allowing it to be securely installed in a variety of locations.

Scene

Suitable for installation in both residential and commercial spaces.

Technical Specification

Power Input

Input Voltage	100–240 VAC
Frequency	50–60 Hz
Standby Power Consumption	<0.5 W
Input Current	Max 0.11 A (Green), 0.09 A (Blue)

Structure Design

Status Indicator Light	The green light indicates that the EV charger is available, and the blue light indicates it is unavailable.
Strength	Supports cold start at temperatures as low as $-40\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{F}$).
Protection	IP55

Communication

Port	RS-485
Update Method	Update through RS-485 port

Environment Indicator

Operating Humidity	$\leq 95\%$ (RH), non-condensing
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Operating Temperature	$-30\text{ }^{\circ}\text{C}$ to $+50\text{ }^{\circ}\text{C}$ ($-22\text{ }^{\circ}\text{F}$ to $+122\text{ }^{\circ}\text{F}$)
Storage Temperature	$-40\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{F}$ to $+158\text{ }^{\circ}\text{F}$)

Package Information

Product Dimensions	250.0 mm \times 268.0 mm \times 1,600.0 mm (9.84" \times 10.55" \times 62.99") (L \times W \times H)
Packaging Dimensions	1,729.0 mm \times 383.0 mm \times 303.0 mm (68.07" \times 15.08" \times 11.93") (L \times W \times H)
Net Weight	20.0 kg \pm 1.0 kg (44.09 lb \pm 2.20 lb)
Gross Weight	26.0 kg \pm 1.5 kg (57.32 lb \pm 3.31 lb)

Installation

Installation Environment	Supports both indoor and outdoor installation in well-ventilated areas, suitable for environments that are free from oil, flammable materials, explosives, and harsh chemicals.
Installation	Vertical pole mount
Input Wire	Wire cross-section: 3 \times 0.75 mm ² (18 AWG) 1-Phase

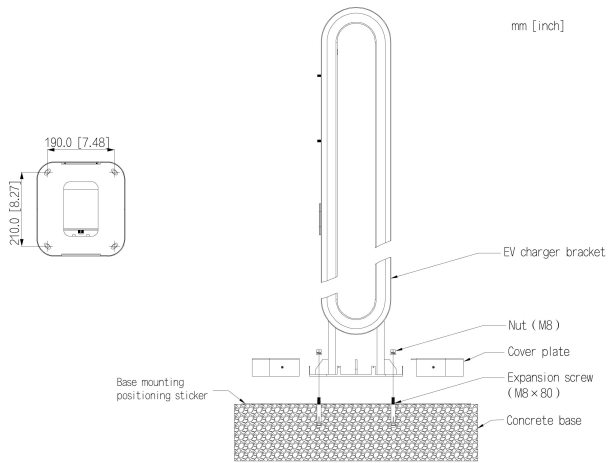
Safety Protection

Security Protection	Protects against surges, overtemperature, overvoltage, overcurrent, lightning and short circuits.
Certifications	CE; EN 60598-1; EN 60598-2-1; EN 62031; IEC TR 62778; EN 62471

Ordering Information

Type	Model	Description
EV Charger Bracket	DHI-ICS-MBE-1C	EV Charger Bracket

Installation



Dimensions (mm[inch])

