KM3-01 Series

Mode 3 Wall-mounted AC EV Charger

CE | RoHS

2-Year Product Warranty | Lifetime tech support | OEM & White-label Options

Selectable charging modes | Smart scheduled charging time | Global Connector Options



Connector Options

Vehicle connectors available for Type 2 / GB/T / Type 1 / NACS

Hardwired Installation

Hardwired installation with regional electrical configurations available

Charging Power

Single-phase 7 kW
Three-phase 11 / 22 kW
Adjustable 6–32 A

4.3-inch LCD Display

4.3-inch LCD display provides real-time charging status, voltage, current and energy data.

Cable Length

5 m charging cable standard, custom lengths on request

Ingress Protection

IP65-rated enclosure for indoor and outdoor use

OEM & Branding Options

- Boot-up Logo on Display
- Nameplate Logo Customization
- Front Panel Customization
- Packaging Label Customization
- User Manual Customization

Core Protection Features

- Overtemperature Protection
- Overvoltage Protection
- Undervoltage Protection
- Overcurrent Protection
- Short-circuit Protection
- Residual-current Protection
- Protection Rating IP65
- Lightning Protection

Optional OCPP 1.6 / 2.0.1

Optional OCPP 1.6 and OCPP 2.0.1 connectivity for integration with compatible charge point management systems (CSMS).

Wi-Fi, 4G and Ethernet connectivity options are available, depending on the selected configuration.

Remote monitoring, firmware updates and centralized fleet management are supported through compatible backend platforms.

Charging Station → Wi-Fi / 4G / Ethernet → CSMS / Backend

Available with standard output vehicle connectors for multiple countries



Type 2 | GB/T | Type 1 | NACS

KM3-01 Series – Technical Specifications

Product Type	Mode 3 Wall-mounted AC EV Charger		
Product Model	KM3-01		
Operating Temperature	−25 °C to +50 °C		
Relative Humidity	5%–95% RH, non-condensing		
Ingress Protection	IP65		
Maximum Altitude	≤ 2,000 m above sea level		
Regional Compliance Reference	Varies by regional configuration		
Connectivity	Wi-Fi & Bluetooth / 4G / Ethernet (optional)		
Start Mode	Plug & Play, RFID (standard) / App Control (optional)		
Display	Standard 4.3-inch LCD Display		
Net / Gross Weight	4.5 kg net / 5.5 kg gross		
Charger Main Unit Dimensions	330 × 192 × 102 mm (L × W × H)		
Package Dimensions	500 × 280 × 230 mm (L × W × H)		
Charging Cable Length	5 m standard (customizable)		
Adjustable Charging Current	6–32 A, depending on model and configuration		
Residual-current Protection	Type A RCD (standard) / Type B RCD / CCID20 (optional)		
Regional Configuration Overview	**GB**	**EU**	**US**
Reference Standards	GB/T 18487	EN 62752	UL 2594 / UL 2231
Input Voltage Range	1-ph 90–265 V · 3-ph 340–460 V	1-ph 90–265 V · 3-ph 340–460 V	1-ph 90–265 V AC
Frequency	50 Hz	50 Hz	60 Hz
Maximum Current	16 / 32 A	16 / 32 A	32 / 40 / 48 A
Maximum Charging Power	7 / 11 / 22 kW	7 / 11 / 22 kW	7 / 9.6 / 11.5 kW

Available configurations vary by region, supply phase, power rating, connector type and applicable compliance requirements.
Specifications are indicative and subject to change without notice.