Elite
EV + CHARGING

EVM3-1-40A/32A/16A
RESIDENTIAL • MULTI-FAMILY

TAPCARD
RFID
Radio Frequency
Identification

Download on the
 App Store

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Google Play

FC | ETL Intertek c us | IP65 | OCPP

OCPP **1.6J**

• Wi-Fi & Bluetooth

• RFID cards for tenants

• View charge history and power consumption

• Adjust the output from 40A to 16A using the app or switch

LC09282023

EVM3-1-40A/32A/16A

RESIDENTIAL • MULTI-FAMILY

EVM3 provides Wi-Fi connectivity within your garage or parking facility. Property managers can access power consumption reports using the Elite EV app. Residents have the ability to manage their charging process through the utilization of RFID cards. Additionally, the EVM3 model is OCPP 1.6J compliant. The Elite EVM3, with its ETL listing, guarantees safety. Moreover, it is engineered to endure outdoor elements through its weather-resistant attributes and is backed by a dependable 3-year warranty.

Specifications

Model Number	EVM3-1-40A/32A/16A
Charging Type	Level 2
Output Power And Current	9.6kW • 40A / 7.6kW • 32A / 3.8kW • 16A
Recommended Service Panel Breaker	50A 40A 20A
Input / Output Voltage	208/240VAC • 50/60Hz
Power Distribution	Single Phase / Split Phase
Cable Type	SAE J1772, Type 1 plug
Charging Cable Length	25 ft
Protection	Under Voltage Protection (UVP), Over voltage protection (OVP), Residual Current Device (RCD), Surge Protection Device (SPD), Over Current Protection (OCP), Over Temperature Protection (OTP), Control Pilot Fault Protection
Ground Fault Protection	Integrated 20 mA CCID (CCID20)
Energy Metering Accuracy	Revenue grade energy meter Class B (±1%)
Overvoltage Category	III
Available Configurable Contacts	1 Input, 1 Output

General Information

Enclosure Rating	Indoor and Outdoor; NEMA 6-50, IP65, IK08
Operating Altitude (Max)	2,000 m (6,561 ft)
Operating Temperature Range	-30 °C to +50 °C (-22 °F to +122 °F)
Storage Temperature Range	-40 °C to +85 °C (-40 °F to +185 °F)
Max Humidity	Up to 95% non-condensing
Mounting	Wall, Pedestal Option
Dimensions H × W × D	14.20" x 9.80" x 4.40"
Weight	15 lbs

Interface

Connectivity	Wi-Fi, Bluetooth
Wi-Fi Signal	2.5 G
User Interface / Installer Interface	RFID, OCPP 1.6J
Communication Protocols	LAN Standard
Status Indication	Power On / Ready to Charge / Charging / Error / Standby
LED Indicator	Power On (All lights: Red, Green, Blue) / Ready to Charge (Steady Green) / Charging (Blinking Green) / Error (Red) / Standby (Blue)

EVM3-1-40A/32A/16A
R E S I D E N T I A L • M U L T I - F A M I L Y

Configuration

Software Update	RFID, OCPP 1.6J
Control And Configuration	RFID, OCPP 1.6J

Certification and standards

Safety Standards	UL2594, UL2231-1/-2, CSA
Codes And Standards	FCC Part 15 Class B
Certification	ETL, FCC
Warranty	36 months

Ordering Chart

Part	Multi-Family Residence	Family	Amerpage	Max Rated Power	Bluetooth	Wi-Fi
EV	M	3-1	40A/32A/16A	9kW (9.6kW)	BLE	Wi-Fi

Example

EVM3 - 1 - 40A/32A/16A - 9KW - BLE - WIFI

EVM3-1-40A/32A/16A
RESIDENTIAL • MULTI-FAMILY

8"

12"

2-7/8"

4-5/8"

1-3/8"

2-1/8"

2-5/16"

SIDE VIEW

14-1/4"

14-3/8"

3-3/4"

2-1/4"

FRONT VIEW

1-1/8"

2-1/4"

12-1/4"

6-1/4"

1"

3-3/4"

8-1/8"

BACK VIEW
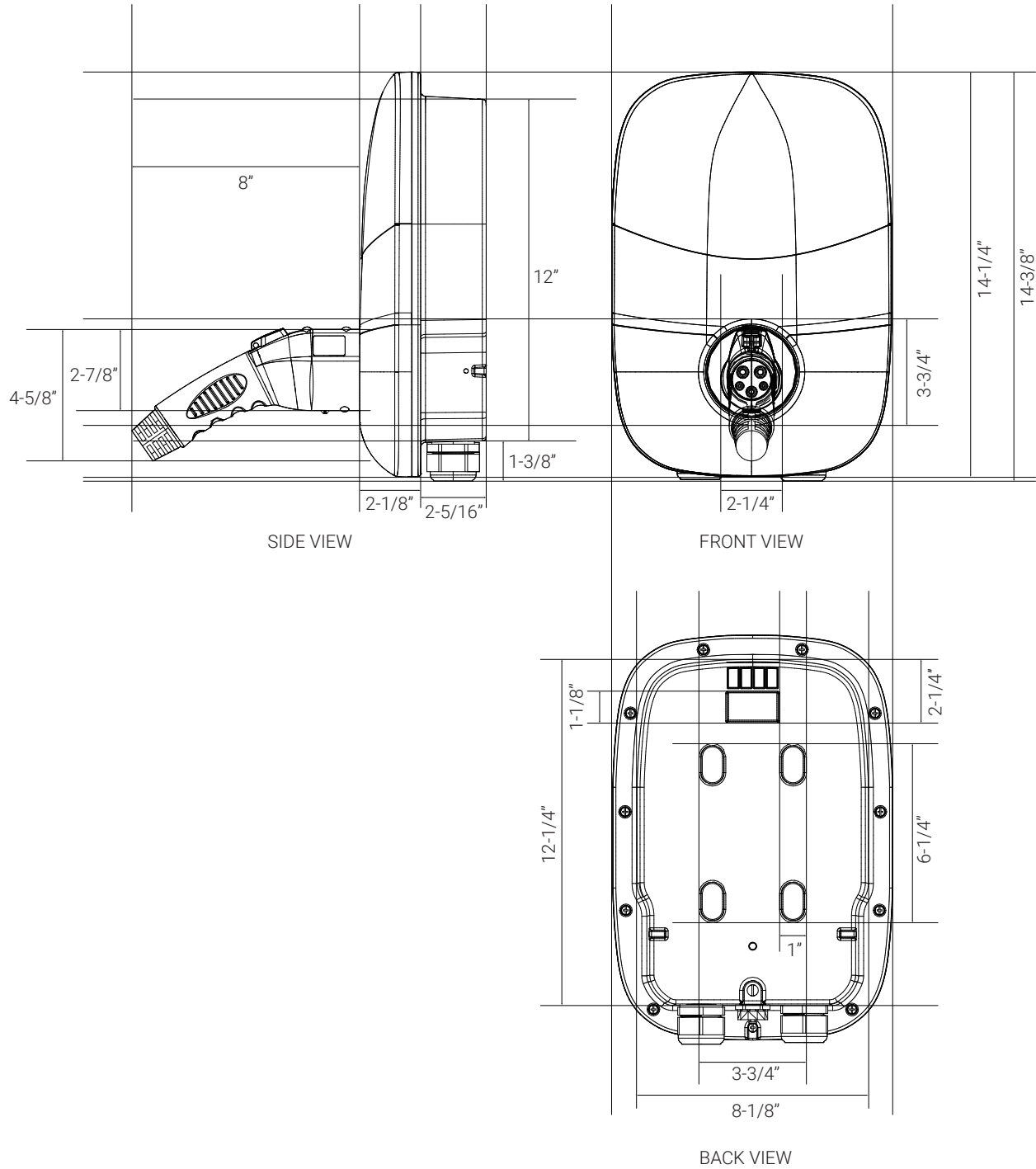
Power

Up to 40A / 9.6kW charging capacity

Safety

SAE J1772 compliant Type 1 plug
Safe 25 ft charging cable

Convenient

Property managers are able to adjust power as
needed: 40A-16A using the app or switch

Wi-Fi

Connect EVM3 via Wi-Fi & Bluetooth,
Use the app to control your chargers
(property mangagers)

Flexibility

Residents can utilize an RFID card
EVM3 is also OCPP 1.6J compliant

Durable

IP65 and IK08 protection ratings
Proper certifications for indoors and outdoors