

# SMART LEVEL 2 EV CHARGER

## EVian-E18

*Energizing the Electric Revolution*

The **Evian Dumbbell EV Charger** is a wall-mounted AC charger offering up to 7.36kW fast charging. It features adjustable currents for limited electricity supply and scheduling during off-peak hours to save costs. App connectivity allows users to monitor status, usage, and records. Manual cable management ensures neatness and safety. It's a reliable and efficient solution for EV owners.



BLUETOOTH



OCPP 1.6J/2.0



Wi-Fi



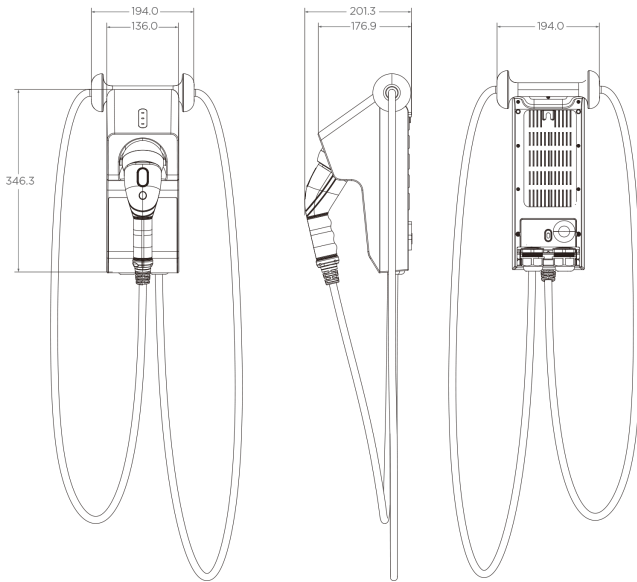
RFID



CONNECTOR



### System Layout



#### POWERFULL

Adjust power as needed.  
48A being the max.  
11.5 kW at 240 VAC



#### CONVENIENT

Automatic fault detection  
and repair, easier  
for maintenance



#### DURABLE

NEMA Enclosure  
Type 4 and IK10 protection  
ratings, applicable for  
indoors or outdoors



#### SAFER

Ground fault detection,  
protecting people  
from shock



#### CONNECTED

Complete with LAN connectivity  
(Wi-Fi & 4G optional),  
ensuring chargers  
are always online



#### OCPP

OCPP 1.6J/2.0 help  
your connect EV  
charger to the cloud



### Product Features

- Designed for Household use
- Plug and charge. Control charging on APP
- Type 2 (IEC 62196) only
- Up to 7.36kW charging output
- Charging cable can be hung up
- AC 30mA+DC 6mA leakage protection
- Level 2 energy metering
- NEMA-3 shock resistance design
- CE & FCC & Energy Star certificate

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COMPLIANCE

## Model: Evian E18

### TECHNICAL SPECIFICATIONS

Standby Power	<2W Standby
Output Power(kW)	1.38kW/1.92kW/3.84kW/5.76kW/7.68kW
Output Amperage(A)	6A/8A/16A/24A/32A
Circuit Breaker Options(A)	6A/8A/16A/24A/32A
Input/Output Nominal Voltage	200VAC/250VAC
Input/Output Voltage Range	190VAC/265VAC
Input/Output Frequency	50/60Hz
Input Wiring Type	Hardwired
Input Wiring Scheme	L,N,GND
Power Measurement Accuracy	Embeeded meter with a 1% accuracy at the nominal input
Surge Protection	Up to 6kV at 3000A

### FUNCTIONAL SPECIFICATIONS

Charge Connector Type	IEC 62196-2016
Charge Cable Length	18 feet
Status Indicator	RGB LED Dispaly
Use Interface	None

### ORK SPECIFICATIONS

Network Interface	V4.2 BLE 2.4GHz & WIFI 2.4GHz
Ground Fault Detection	IEC61851-1:2017 AC30mA,DC6mA
Ground Monitor	IEC61851
Safety Compliance	IEC61851-1
Protection	OVP,UVP,OC,OTP

### OPERATIONAL SPECIFICATIONS

Enclosure Rating	IK08
Waterproof	IP65
Operating Temperature	-30°C to +55°C
Storage Temperature	-40°C to +70°C
Operating Humidity	95%
Altitude	2000m
Charger Dimensions	350*179*136mm
Charger Weight	5.52Kg
G.W Per Carton 6.60Kg	6.60Kg
Outer Box Size 410*330*290mm	410*330*290mm
Quantity Per Carton 1pcs/carton	1pcs/carton