

CURVE

EV CHARGER

7.4 kW / 22 kW

PROVEN RELIABILITY,
MASTERED QUALITY



☎ 02 726 1585-88

🌐 [BLUESTONE.CO.TH](https://bluestone.co.th)

🌐 [BLUESTONESOLUTION.COM](https://bluestonesolution.com)

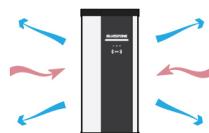


CURVE

EV CHARGER

GENERAL

- Structure: Isolated power supply side from the control side to prolong the lifetime of the charger
- Aluminium Housing: Helps heat dissipation of heat inside the charger while charging
- IP65: Identical for indoor and outdoor installation
- Standard: IEC61851-1, IEC61851-21-2, IEC60529
- Connector Type 2, Cable length 5m



Heat Dissipation



FEATURES

LEDs show authentication (RFID card) enable/disable, wifi connection and cloud connection

- Over-under voltage protection and surge protection built-in



- Charging current adjustable from 6-32 A

- RFID card enable/ disable setting.
- Add/ Delete RFID card



LED indicates EV charger status

- Communication: Wi-Fi, Bluetooth, and Modbus RTU



Modbus

- Protection: DC 6mA and AC 30 mA residual current protection built-in and surge protection inside the charger

- 3 charging modes: **Now** for immediate charge, **Schedule** for schedule charging, and **Duration** which is very suitable with the TOU meter



Now



Schedule



Duration



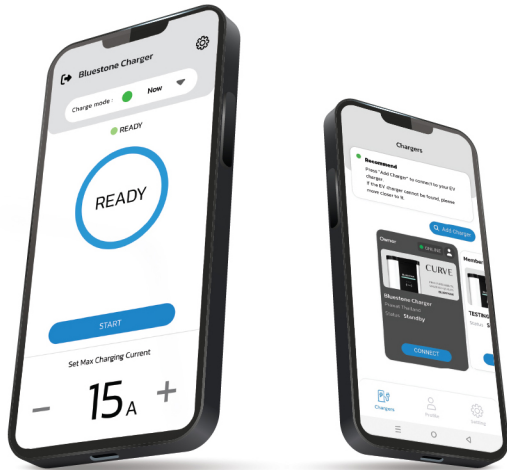
Mobile Application

CONTROL

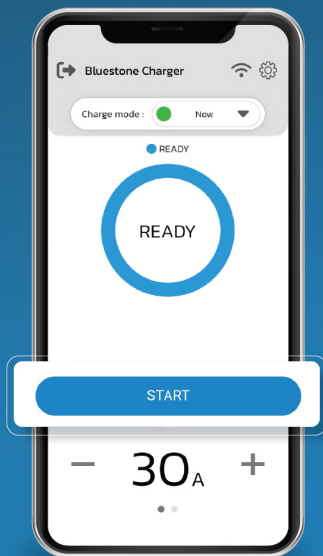
- **Access** to EV charger and use of mobile application, include share EV charger with guest
- **Start / Stop** charging
- **Charging current** adjustable from 6-32 A
- **Over/ Under voltage protection** setting

MONITOR

- **Charging parameters:** Energy (kWh), Power (kW), Current (A), Voltage (V), and Charging duration
- **Charging status:** In-app notification
- **Charging log:** User, Energy (kWh), Duration, and Timestamp

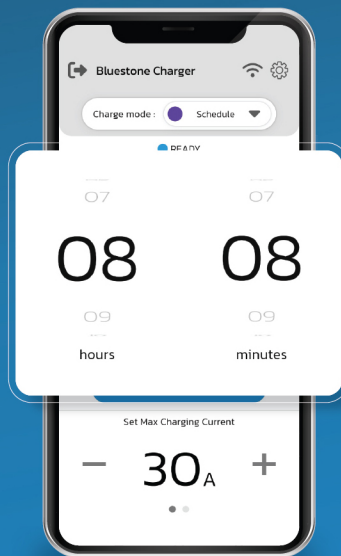


CHARGING MODE



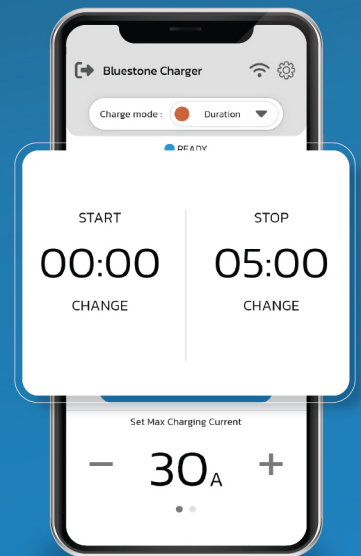
Now

Charging begins once charging connector is plugged-in to the EV



Schedule

Set the charging start time

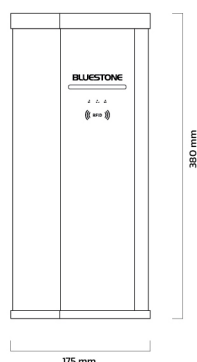


Duration

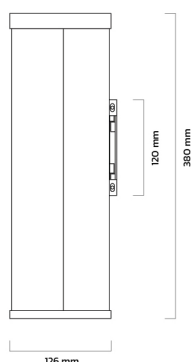
Set charging duration allows the charging session to begin and end at a specific time. This mode is very suitable for TOU meter to control charging cost

DIMENSIONS

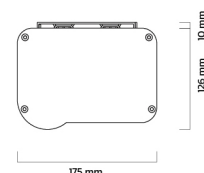
Unit : mm



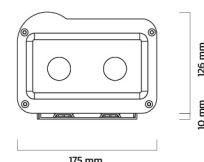
Front View



Side View



Top View



Bottom View

SPECIFICATIONS

EV4-AC1-7.4-B-BL

EV4-AC3-22-B-BL

EV4-AC1-7.4-IoT-M-BL

EV4-AC3-22-IoT-M-BL

System				
Power system	1 Phase 230V 32A 50 Hz	3 Phase 400/230V 32A 50 Hz	1 Phase 230V 32A 50 Hz	3 Phase 400/230V 32A 50 Hz
Output power	7,4 kW	22 kW	7,4 kW	22 kW
Connector type / Cable length	Type 2 / 5 m.			
Features				
Local status display	System On, Connect, Charge, Error		System On, Connect, Charge, Error Network, Cloud, RFID	
Authentication	Yes via RFID		Yes via RFID, Add / Remove RFID via mobile application	
External communication	Modbus RTU		Wifi, Modbus RTU, OCPP 1.6J	
Application				
Mobile applictaion	No		Yes	
Start / Stop charging	RFID		RFID, Mobile application	
Charging current adjustable while charging	No		Yes	
Monitor charging	No		Time, Durantion, kWh, kW, A, V	
Charging log	No		User, kWh, Duration, Timestamp	
Charging modes	No		Now, Schedule, Duration	
Energy Meter Accuracy Class 1.0% MID Certificate	No		Yes	
Protection				
Residual current 6 mA DC, 30mA AC	Yes		Yes	
Over / Under voltage protection	No		Yes (Setting threshold via mobile application)	
General				
Enclosure	Aluminum			
IP Protection Degree	IP65			
Dimension	WxHxD 175x380x126 mm			