

# M3P U-Series (US Standard) WallBox EV Charger + Mounting Pole



## Applications

- Residential areas like apartment and dwellings
- Parking garage of office building, hospital, supermarket, motel and etc. for commercial EV charging
- EV infrastructure operators and service providers



SAE 1772 (Type 1)



## Features

- Compatible with most electric vehicles that equip with AC charging interface
- Compact design, save more place
- Easy installation, wall mounted or pole mounted for option
- Wi-Fi interface is available to docking your own app
- Safe and reliable, with multiple fault protection
- Waterproof IP65 rated for indoor or outdoor applications
- LOGO, color, function and etc. are customizable
- OEM including size, shape and etc. are available

## Specification of Wallbox EV Charger + Mounting Pole

Power Specification			
AC Power Input Rating	SAE standard		
	AC Level 2 240V		
AC Power Output Rating	3.5kW / 16A		
	7kW / 32A		
	10kW / 40A		
Rated Frequency	50/60Hz		
Required Service Panel Breaker	Dedicated Dual Pole		
	20A (16A station)		
	40A (32A station)		
	50A (40A station)		
Power Wiring	3 Wire- L1, L2 plus GROUND		
Connector Type	SAE J1772 (Type 1)		
Connector Mechanical Operating Life	≥10000 times		
User Interface & Control			
Charging Control	Plug and Play or RFID Card		
Indicators	4 LED indicators-Power/Connect/Charging/Fault		
External Communication	LAN (RJ-45) and Wi-Fi		
OCPP Protocol (Optional)	1.6 or 2.0.1		
Environmental			
Storage Temperature	-40 to 75°C (-40 to 167°F) ambient		
Operating Temperature	-30 to 55°C (-22 to 131°F) ambient		
Operating Humidity	Up to 95% non-condensing		
Altitude	≤2000m		
Cooling Method	Natural Cooling		
Protection			
Protection Ratings	NEMA TYPE 4	Grounded protective	CCID 20
Over Voltage Protection	Yes	Under Voltage Protection	Yes
Over Load Protection	Yes	Short Circuit Protection	Yes
Earth Leakage Protection	Yes	Ground Protection	Yes
Over-temp Protection	Yes	Surge Protection	Yes
Wallbox Mechanical			
Dimension (H×W×D, mm)	310×220×95		
Weight	<7kg		
Charging Cable Length	5m or Customize Length		
Enclosure Material	PC+ASA		
Mounting Pole Mechanical (Optional)			
Dimension (H×W×D, mm)	1400×200×100		
Weight	<8kg		
Enclosure Material	Metal		