

DS-TMP102-A1(H)(22kW)(EU) Wall-mounted AC Charging Station



The Wall-Mounted EV AC Charging Station provides safe and reliable charging services and meets European charging interface standard. It is a dedicated power supply device that provides AC power for electric vehicles with on-board chargers. The device can be installed in various places such as public parking lots, residential parking lots, enterprise and institutional parking lots, parking lots along tourist routes, hotel parking lots, etc., providing daily charging services for electric vehicles that meet the requirements.

- The device adopts modular design, including status indicator unit, display unit, card reading unit, metering unit, control unit, charger line unit, and protection modules, etc. Each unit is closely coordinated.
- Status indicator unit: Indicates the system operation status. The status includes solid blue (standby), green breathing (in charging), solid green (charging ends), yellow breathing (charger plugged in but not charging), purple breathing (reserved charging countdown), and red flashing (fault).
- Display unit: 7-inch LCD. For displaying charging information and system operation information.
- Card reading unit: Recognizing and verifying user information for charging control.
- Metering unit: For measuring the electricity delivered to EVs.
- Control unit: Sampling, processing, and control of system charging.
- Charger cable unit: With standard IEC62196-type 2 interface, it supports charging for European standard EVs.
- Protection unit: Multiple protections such as overvoltage, undervoltage, overload, leakage, over-temperature, grounding detection, relay bonding, etc.
- Multiple charging modes: Supports plug-and-charge, charging by card, and charging by code scan online.
- Charging operation platform: Supports accessing with OCPP charging operation platform.
- Energy Monitoring Internal MID meter monitors power and energy

▪ Specification

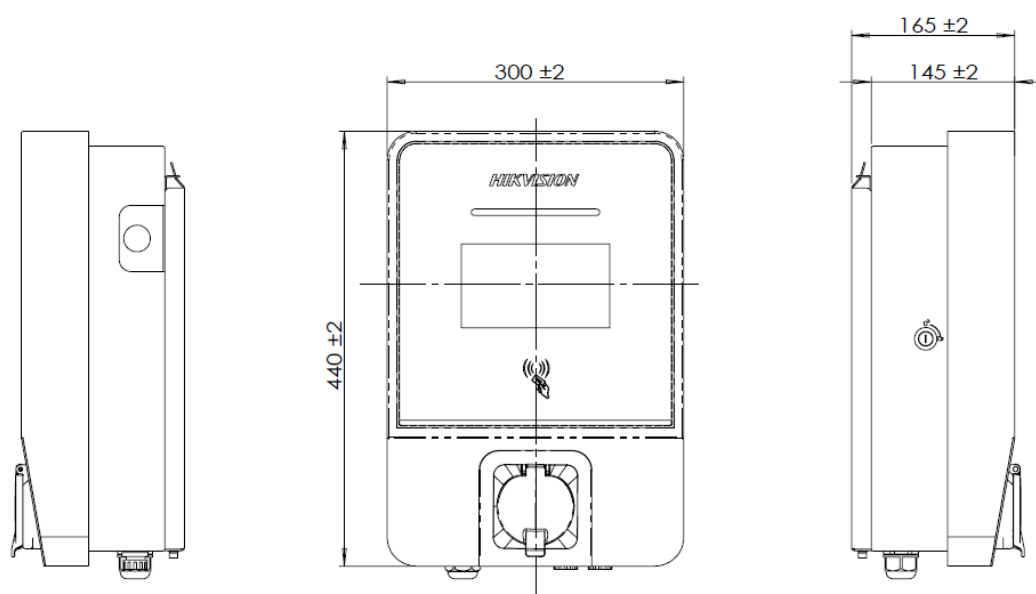
Input Electrical Property	
Input Voltage	400 VAC $\pm$ 15%
Input Frequency	50/60 Hz
Input Cable	3P + N + PE (L1, L2, L3, N, PE)
Recommended Input Cable Specifications	5 $\times$ 6 mm ²
Rated Input Current	32 A
Output Electrical Property	
Output Voltage Range	400 VAC $\pm$ 15%
Output Current Range	6 to 32 A
Rated Output Power	22 kW
Max. Output Current	32 A
Number of Output Chargers	1 charger
Standby Power Consumption	7 W
Human-Machine Interaction	
Signal Indicator	Solid blue: standby Green breathing: charging Solid green: Charging completed. Yellow breathing: Charger has been plugged, but is not in charging. Purple breathing: reserved charging countdown Red flashing: fault
Emergency Stop Button	Plainly visible. Press the button to cut output circuit in emergency.
User Interface	7" LCD
Card Reader	ISO14443, Type A/Type B, Mifarel
Protection Property	
Input Overvoltage Protection	460 V
Input Undervoltage Protection	340 V
Output Overcurrent Protection	35.2 A
Other Protections	Detections for over-temperature, overload, GND, emergency stop, lightning protection, relay bonding, etc.
Leakage Protection	A + 6mA
PEN Protection	Supported
DLB	Supported
Environmental Property	
Cooling Mode	Natural cooling
Protection Level	IP55, IK08
Operating Environment	Indoor and outdoor
Noise	$\leq$ 35 dB
Operating Temperature	-30 $^{\circ}$ C to 50 $^{\circ}$ C (-22 $^{\circ}$ F to 122 $^{\circ}$ F), $\leq$ 85% RH
Storage Temperature	-40 $^{\circ}$ C to 80 $^{\circ}$ C (-40 $^{\circ}$ F to 176 $^{\circ}$ F)
Altitude	$\leq$ 2000 m
Others	
Charging Interface	IEC62196-Type2
Charging Cable Length	/
Communication Interface	4G,Wi-Fi,10/100M network interface

Installation Mode	Wall mounting/Vertical pole mounting
Startup Mode	Charging by card, plug-and-charge, reserved charging, charging by code scan (charging billing operation)
Operating Mode	Charging and billing by code scan (OCPP operation platform)
Charging System	
Charging Mode	Mode 3
Charging Connection Mode	Case B
General	
Dimension	440 mm × 300 mm × 165 mm (17.3" × 11.8" × 6.5")
Weight	12.5 ± 0.5 kg (27.5 ± 1.1 lb.)
Dimensions (with Package)	555 mm × 400 mm × 243 mm (21.8" × 15.7" × 9.6")
Weight (with Package)	13.5 ± 0.5 kg (29.7 ± 1.1 lb.)

▪ Available Model

DS-TMP102-A1(H)(22kW)(EU)

▪ Dimension



▪ Accessory

▪ Optional

DS-TMP00A-A22W(EU)	DS-TMP00C-A22(5 m)(EU)

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