DS-TMP102-A1(H)(7kW)(5m)(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 institution 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: 4.3-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 line unit: With stardand 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 and charging by card.
- Wide-range input voltage: Supports 230 V ± 15% and 120 V ± 15%. Auto detection and auto switch of the voltage.

▪ Specification

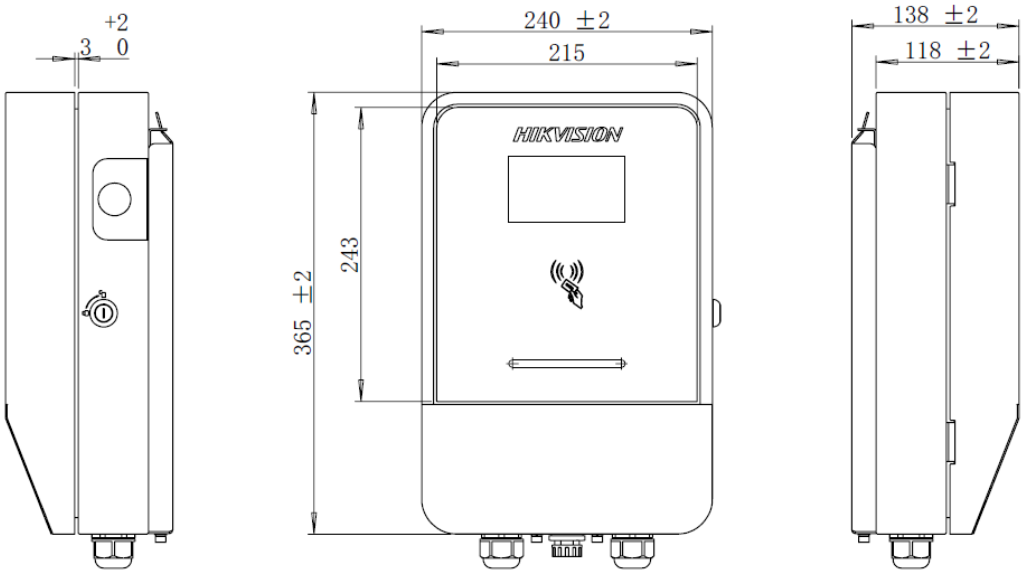
Model		DS-TMP102-A1(H)(7kW)(5m)(EU)
Input Electrical Property	Input Voltage	230 VAC ± 15%, 120 VAC ± 15%
	Input Frequency	50/60 Hz
	Rated Input Current	32 A
	Input Cable	L+N+PE
	Recommended Input Cable Specifications	3 × 6 mm²
Output Electrical Property	Output Voltage Range	230 VAC ± 15%, 120 VAC ± 15%
	Output Current Range	6 to 32 A
	Max. Output Current	32 A
	Rated Output Power	7 kW
	Number of Output Chargers	1 charger
	Standby Power Consumption	4 W
Human-Machine Interaction	User Interface	4.3'' LCD
	Card Reader	ISO14443, Type A/Type B, Mifarel
	Emergency Stop Button	Plainly visible. Press the button to cut output circuit in emergency.
	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
Protection Property	Input Overvoltage Protection	264 V/138 V
	Input Undervoltage Protection	195 V/102 V
	Output Overcurrent Protection	35.2 A
	Leakage Protection	A + 6mA

	PEN Protection	Supported
	DLB	Supported
	Other Protections	Detections for over-temperature, overload, GND, emergency stop, lightning protection, relay bonding, etc.
Environmental Property	Protection Level	IP55,IK08
	Operating Temperature	-30 °C to 55 °C (-22 °F to 131 °F), ≤ 85% RH
	Storage Temperature	-40 °C to 80 °C (-40 °F to 176 °F)
	Operating Environment	Indoor and outdoor
	Cooling Mode	Natural cooling
	Altitude	≤ 2000 m
	Noise	≤ 35 dB
Others	Charging Interface	IEC62196-Type2
	Charging Cable Length	5 m
	Communication Interface	Wi-Fi,Bluetooth
	Installation Mode	Wall mounting/Vertical pole mounting
	Startup Mode	Charging by card, plug-and-charge, charging by APP
	Operating Mode	Not supported
Charging System	Charging Mode	Mode 3
	Charging Connection Mode	Case C
General	Dimensions	365 × 240 × 138 mm (14.4 × 9.4 × 5.4 inch)
	Weight	8.7 kg (19.2 lb.)
	Dimensions (with Package)	482 ×332 × 303 mm（19 × 13 × 11.9 inch）
	Weight (with Package)	9.4 kg (20.7 lb.)

▪ Available Model

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▪ Dimension



▪ Accessory

▪ Optional

DS-TMP00A-A22W(EU)	DS-TMP00A-A(EU) Floor Standing Pole
	

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