

DS-TMP102-A1(H)(7kW)(5m)(AP) Wall-mounted AC Charging Station



The Wall-Mounted EV AC Charging Station provides safe and reliable charging services and meets GB/T 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. Green breathing: idle. Green comet: charging. Solid green: Charging completed. Solid yellow: Charger has been plugged, but is not in charging. Yellow flashing: reserved charging countdown. Red: 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 cable unit: With standard GB/T 20234.2-2015 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.

▪ Specification

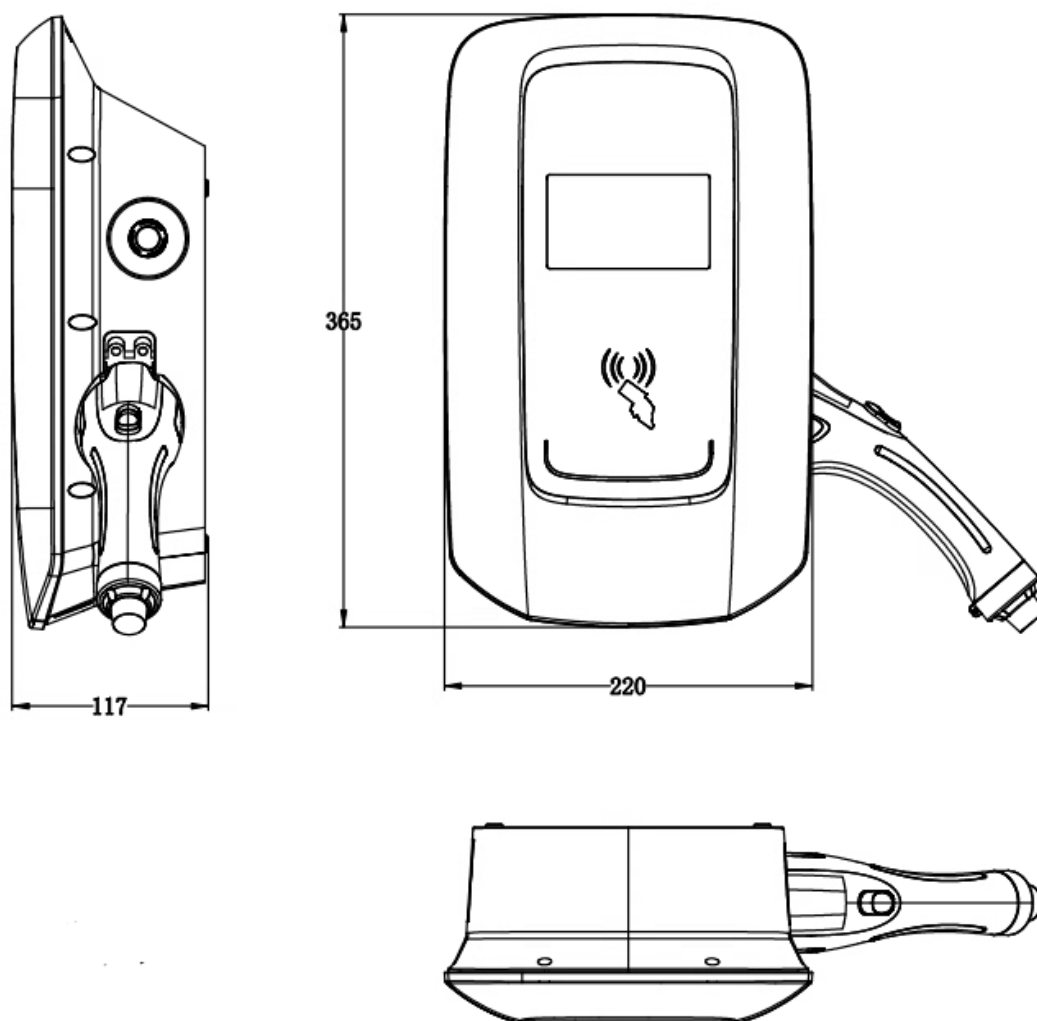
Human-Machine Interaction	
User Interface	4.3" LCD
Protection Property	
Input Overvoltage Protection	264 V
Input Undervoltage Protection	170 V
Output Overcurrent Protection	35.2 A
Other Protections	Detections for over-temperature, overload, GND, emergency stop, lightning protection, relay bonding, etc.
Leakage Protection	A
PEN Protection	Supported
DLB	Not supported
Input Electrical Property	
Input Voltage	230 VAC $\pm$ 15%
Input Frequency	50/60 Hz
Input Cable	L+N+PE
Recommended Input Cable Specifications	3 $\times$ 6 mm ²
Rated Input Current	32 A
Human-Machine Interaction	
Signal Indicator	Green breathing: idle Green comet: charging Solid green: Charging completed. Solid yellow: Charger has been plugged, but is not in charging. Yellow flashing: reserved charging countdown Red: fault
Emergency Stop Button	Plainly visible. Press the button to cut output circuit in emergency.
Card Reader	ISO14443, Type A/Type B, Mifarel
Output Electrical Property	
Output Voltage Range	230 VAC $\pm$ 15%
Output Current Range	6 to 32 A
Rated Output Power	7 kW
Max. Output Current	32 A
Number of Output Chargers	1 charger
Standby Power Consumption	4 W
Environmental Property	
Cooling Mode	Natural cooling
Protection Level	IP65
Operating Environment	Indoor and outdoor
Noise	$\leq$ 35 dB
Operating Temperature	-30 $^{\circ}$ C to 55 $^{\circ}$ C (-22 $^{\circ}$ F to 131 $^{\circ}$ 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	GB/T 20234.2-2015
Charging Cable Length	5m

Communication Interface	Wi-Fi,Bluetooth
Installation Mode	Wall mounting/Vertical pole mounting
Startup Mode	Charging by card, plug-and-charge
Operating Mode	Not supported
General	
Dimension	220 mm × 117 mm × 365 mm (17.3" × 11.8" × 6.5")
Weight	4.5 ± 1 kg (9.9 ± 2.2 lb.)
Charging System	
Charging Mode	Mode 3
Charging Connection Mode	Case C

▪ Available Model

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▪ Dimension



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