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HERME-II

TYPE 2 DC EV CHARGER

MODEL: FWL-HERME-IP55

APPLICATION Home | commercial | Apartments

SPECIFICATION TABLE

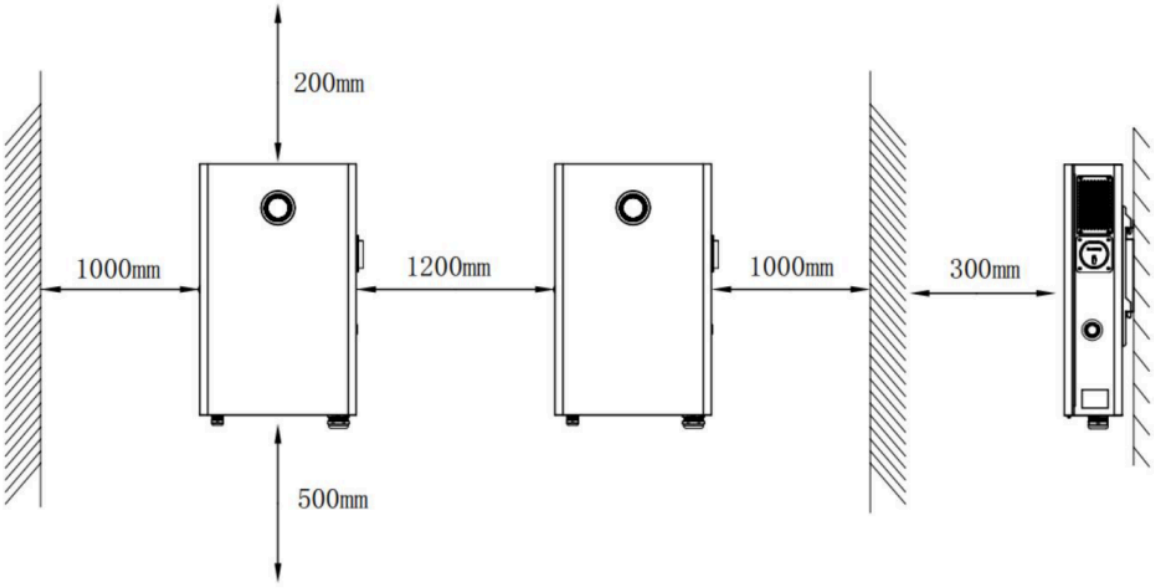
SPECIFICATION	VALUE
Input voltage range	323~473V 380V
Enter AC frequency	50Hz±10%
Input power factor	0.99 (rated voltage input, 50% load)
Output Power	30,000W
Output voltage range	30V dc
Maximum output current	60.0A MAX
Output voltage error	±0.5%
Output current error	±1%
Voltage regulation accuracy	0.5%
Steady flow accuracy	1%
overall efficiency	93%
Total harmonic content	8%
Ripple coefficient	Output ripple effective coefficient ±0.5%, ripple peak coefficient ±1%
Starting surge current	110% of input current
charging module	GC50044-H-T1
Auxiliary power	Low voltage DC auxiliary power supply 12V and 24V (automatic switching)
Cable length	5 m
IP rating	IP54
Body weight	50Kg

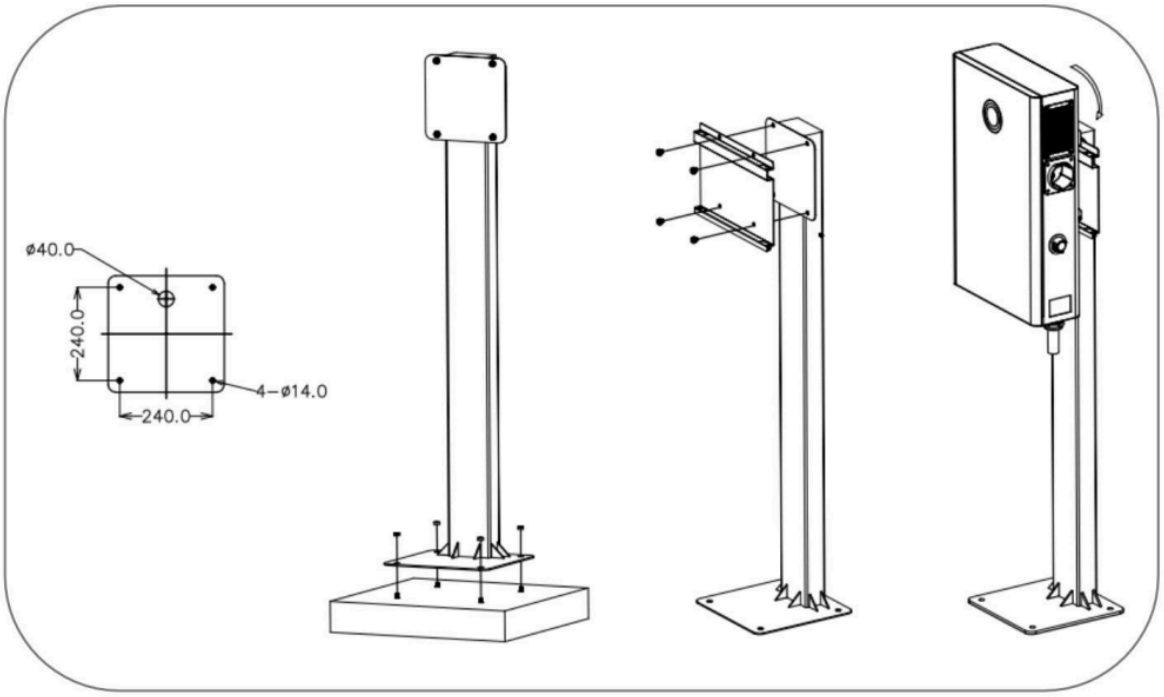
Charger indicator light

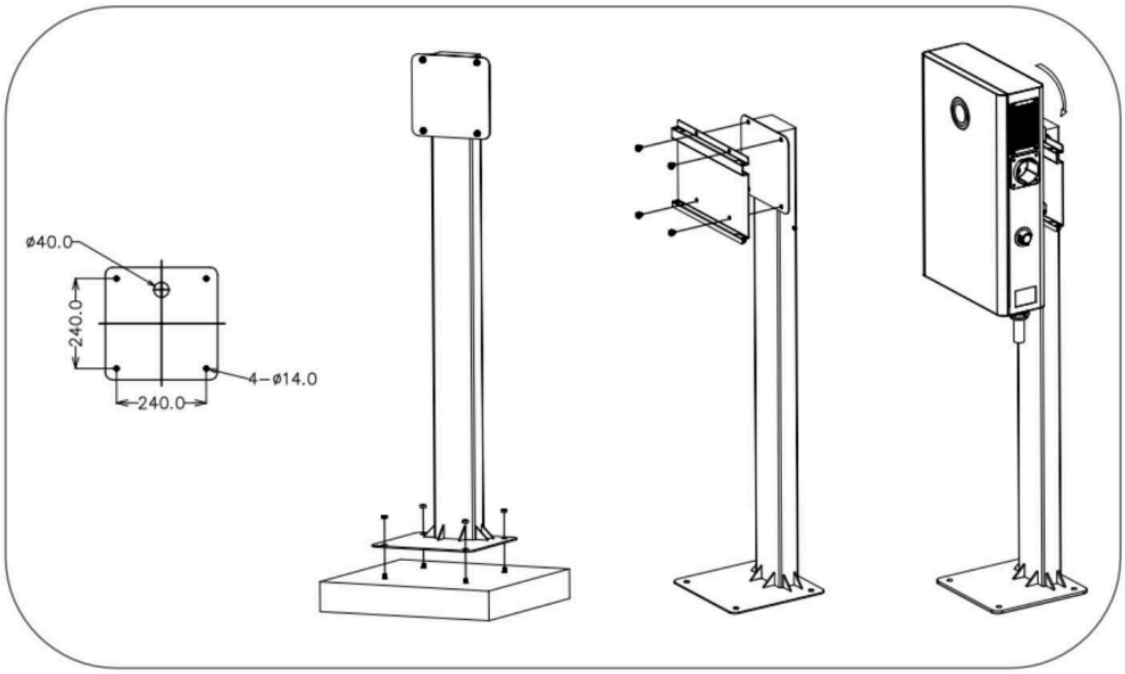
indicator light	state	illustrate
Green light	Always on	The device is powered on and in standby mode
	breathe	charging
Red light	Flashes 1	looping CC1 connection
	Flashes 2	cyclic BMS communication times out (number of timeouts is greater than 3 times)
	Flashes 3	the cycle charger has no output current
	Flashes 4	cycle charging given voltage failure
	Flashes 5	cycle charging given current fault
	Flashes 6	cycle charging circuit disconnection fault
	Flashes 7	the cycle charger receives BST
	Flashes 8	loop electronic lock feedback failure
	Flashes 9	circulating DC contactor feedback failure
	Flashes 10	cycle charger insulation detection failure
	Flashes 11	the cycle emergency stop button is pressed
	Flashes 12	the charging plug is overheated
	Flashes 13	the cycle battery voltage does not match the charger output range
	Flashes 14	cycle module communication failure
	Flashes 15	cycle meter communication failure
	Flashes 16	cycle module input over/under voltage
	Flashes 17	cycle module output over/under voltage

	Flashes 18	the output of the cycle module is overcurrent.
	Flashes 19	the circulation module is overtemperature
	Flashes 20	. Battery overvoltage and undervoltage are detected before the cycle module outputs.
	Flashes 21	other faults inside the cycle module
Red light + green light		the vehicle side flashes alternately to report a fault, but does not receive a shutdown command.

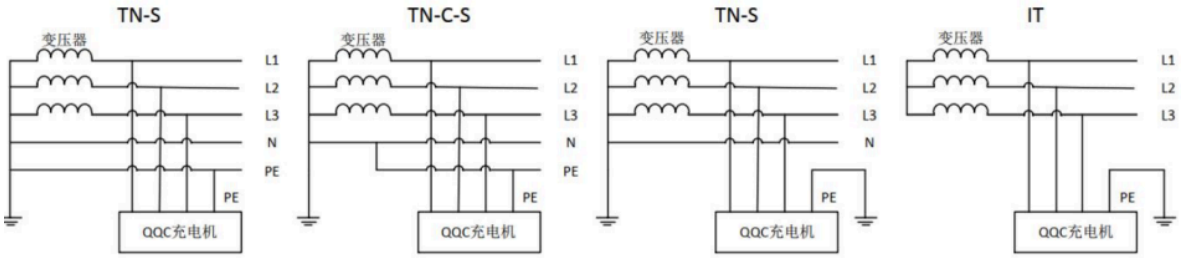
Product Dimension







Power Grid System



installation steps

Step 1 Use wire strippers to strip the insulation of three live wires and one ground wire to appropriate lengths, and connect the stripped wires
Insert the cable into the cold-pressed terminal of the accessory bag and use crimping pliers to tighten it.

Step 2 Open the door panel, unscrew the waterproof connector counterclockwise, and thread the AC cable into the metal waterproof connector and sealing ring.

Step 3 Lock the AC cables (Phase A, B, C) on the transfer terminal, and lock the ground wire (PE) on the ground hole

Step 4 After confirming that the connection is tight, tighten the metal waterproof joint clockwise

Step 5 After checking that the electrical connection is normal, cover and lock the door panel.