





Smart charging pile

Operating instructions

BSEC – AC EV charge

Display or no screen

- Read this manual completely and master the safety matters related to operation.

	<p>caveat</p> <p>If the charging gun or charging cable is damaged:</p> <ul style="list-style-type: none"> • Do not use, stop using immediately • Contact the charging operation staff immediately
	<p>caveat</p> <p>In case of emergency:</p> <ul style="list-style-type: none"> • Press the emergency stop button • Contact the charging operation staff immediately • Take action according to the emergency measures of the owner or charging operator
	<p>caveat</p> <p>If operating after injury, accident, typhoon, accident or disaster, please observe:</p> <ul style="list-style-type: none"> • Are there any flames or smoke inside and outside the charger? • Whether the charger has been soaked in water, whether there are other liquids and traces • Whether the charger is damaged due to other reasons <p>If any of the above conditions occur, please stop charging immediately and contact the charging operator</p>
	<p>caveat</p> <p>Charge gun lock</p> <p>During the charging process, the charging gun will be locked to the socket of the charging vehicle. It cannot be pulled out before charging is stopped. Strong pulling is prohibited. Strong pulling with more than 1000N may damage the locking mechanism and risk arcing.</p>
	<p>Note</p> <p>Gun insertion and drawing:</p> <ul style="list-style-type: none"> • Take the gun carefully and insert the gun, do not drop and bump • Pull out the gun carefully and put the charging cable and the charging gun back in place • Only applicable to national standard interface electric vehicles

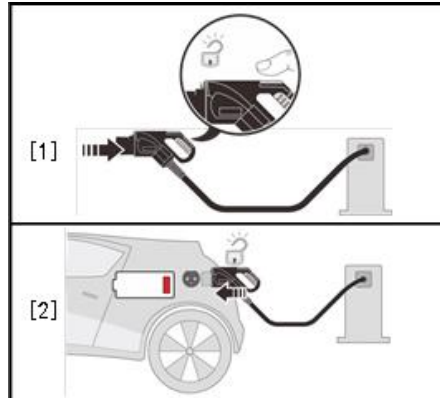
AC Charging Pile Incoming Current (Circuit Breaker)and CABLE specification

Number	Charger Specification(KW)	Incoming Current (Circuit Breaker) Type	Cable Specification
1	Single phase AC One Gun 3.5	20A/2P	3×4mm ²
2	Single phase AC One Gun 7	40A/2P	3×6mm ²
3	Three phase AC One Gun 11	20A/4P	5×4mm ²
4	Three phase AC One Gun 22	40A/4P	5×6mm ²
5	Three phase AC One Gun 43	80A/4P	5×16mm ²
6	Single phase AC Two Gun 3.5+3.5	40A/2P	3×6mm ²
7	Single phase AC Two Gun 7+7	80A/2P	3×16mm ²
8	Three phase AC Two Gun 11+11	40A/4P	5×6mm ²
9	Three phase AC Two Gun 22+22	80A/4P	5×16mm ²
10	Three phase AC Two Gun 43+43	160A/4P	3×35mm ² +2×16mm ²

Charging process steps

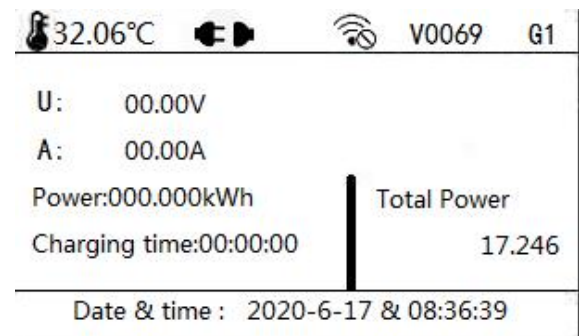
Step 1

- Remove the charging gun from the charging pile and connect it to the car charging port.



Step 2

After the charging pile is powered on, there is a waiting time of 10 seconds. After 10 seconds, it enters the main charging page. The UI is as follows.

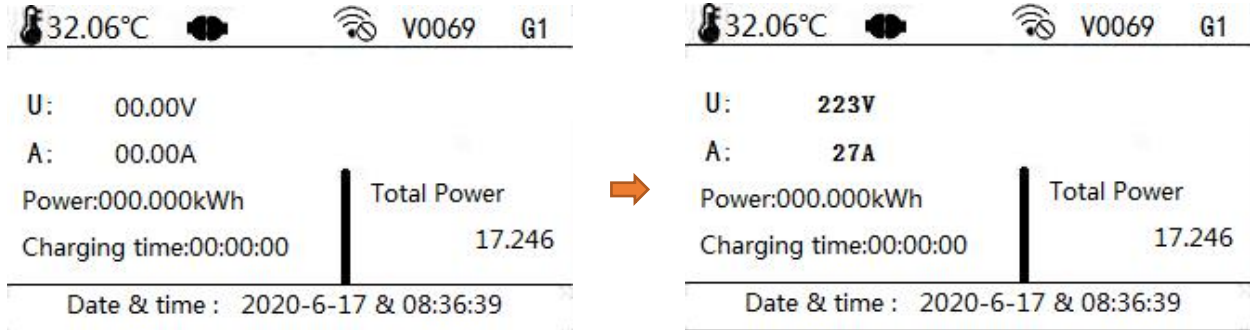


32.06°C	Display internal temperature
	Gun status: no gun inserted (not ready for charging)
	Gun status: plug in the gun (ready for charging)
	The network is not connected
V0069	Program Version
G1	1 gun

Step 3

- Move the charging card to an area closer to the card. After successfully swiping the card, the charging indicator will light up. Wait for the vehicle communication to complete and start charging.

The UI interface is as follows:

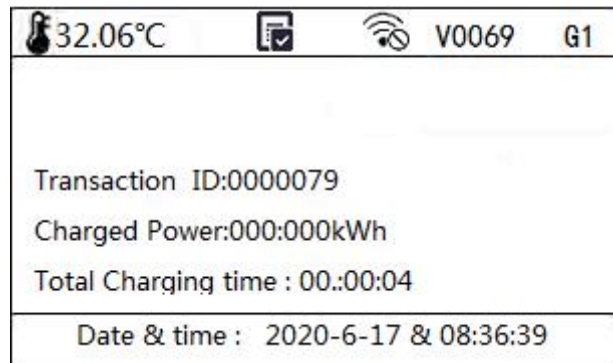



Step 4

End charging

- When the battery is fully charged, the charging lamp goes out and the charging is finished, pull the charging gun out of the vehicle and insert it into the charging pile gun seat.
- Stop charging by swiping the card, the charging light goes out, and the charging is finished. Pull the charging gun out of the car and insert it into the charging pile gun seat.

The interface is as follows:

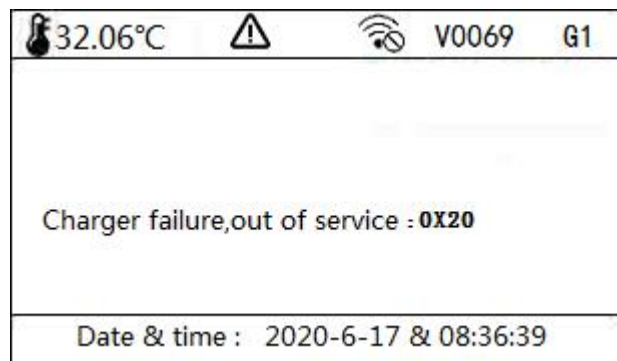



	finished charging
Transaction	Transaction number
Charged Power	KWH
Total Charging Time	Charging time

Report an error

If there is a fault alarm during charging, the fault indicator will always be on.

The UI interface is as follows:



	<ul style="list-style-type: none"> ➤ An error occurred ➤ Please refer to common exception handling methods (The error light is always on when an error occurs)
Charger failure out of service	Display the error code, you can check the error code table

Common exception handling

NO	unusual phenomenon	possible reason	Solution
1	Defective power light	The power cord is not connected	Check the power line again by the installer
		The light cable is not connected	Check the lamp line again by the installer
		Open trip	Reset MCB
2	The fault light is always on.	Emergency stop switch is pressed	Reset the emergency stop button by turning it clockwise
3	No response when swiping	The charging card is not near the swiping position	Remove the card first, and then close to the swipe area again, do not move the card up, down, left, or right
		Magnetic card failure or damage	Please contact the customer service center to replace the card (man-made damage requires paid replacement card)
4	Charging failed	The charging gun is not plugged in	Reconnect the charging gun to ensure that the gun head is in place; check whether there is an error light on the charging pile; check whether the buttons on the upper part of the charging gun are in a natural state; try to restart the charging pile after power off.

	Vehicle itself	Go to the 4S shop to investigate the vehicle's own problems.
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error code	Error alarm information	solution
0X4	Memory error shutdown	Power off and restart, if the fault cannot be recovered, please contact the operator or equipment manufacturer customer service
0X5	Screen communication timeout and shutdown	Power off and restart, if the fault cannot be recovered, please contact the operator or equipment manufacturer customer service
0X6	Leakage shutdown	Please check the charging pile, if in the normal range, contact the operator or equipment manufacturer customer service
0X7	Main board temperature shutdown	Please check the internal temperature of the charging pile, if it is within the normal range, contact the operator or equipment manufacturer customer service
0X8	Overtime shutdown in the background	Please check the charging pile and network, if in the normal range, contact the operator or equipment manufacturer customer service
0X9	Charging timeout 99h59m59 timeout	Power off and restart, if the fault cannot be recovered, please contact the operator or equipment manufacturer customer service
0XA	Door switch	Please check whether the rear door of the charging pile is closed, if in the normal range, contact the operator or equipment manufacturer customer service.
0X20	Emergency stop	When the emergency stop is pressed, turn the emergency stop switch to the right to recover. 18 If the emergency stop is restored, it will report the fault and contact the operator or equipment manufacturer customer service.
0X21	Meter timeout	Power off and restart, if the fault cannot be recovered, please contact the operator or equipment manufacturer customer service
0X22	CP communication	Please check whether the on-board charger is faulty. If the on-board charger is in the normal range, contact the operator or equipment manufacturer's customer service.
0X23	Grid fluctuation	If the AC voltage is lower or higher than 230V $\pm 10\%$ (or 15%), check the input voltage range, and contact the operator or equipment manufacturer customer service if it is within the normal range.
0X24	Relay failure	Power off and restart. If the fault cannot be

		recovered, please contact the operator or the equipment manufacturer's customer service.
0X25	Temperature failure shutdown	Please check the internal temperature of the charging pile, if it is within the normal range, contact the operator or equipment manufacturer customer service.
0X26	overcurrent	Check whether the on-board charger is faulty. If the on-board charger is in the normal range, contact the operator or equipment manufacturer's customer service.
0X27	Gun temperature is too high	Please check the internal temperature of the charging pile, if it is within the normal range, contact the operator or equipment manufacturer customer service.
0X28	Ground Fault	Please check the ground connection, if in the normal range, contact the operator or equipment manufacturer customer service.