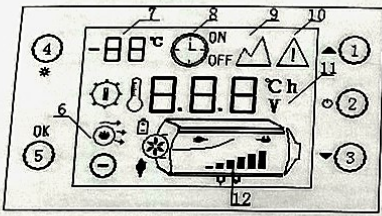


Operation instructions for parking heater

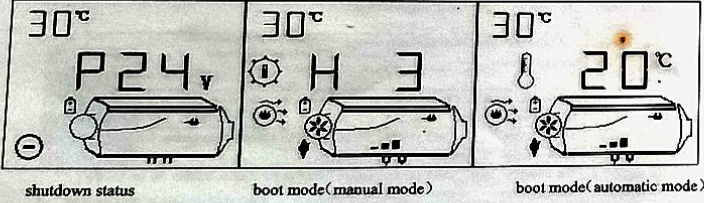
the control panel is shown below



1. overshift key 2. on/off key 3. downshift key 4. setting key 5. deterministic key 6. work status symbol 7. display ambient temperature 8. timing symbol 9. plateau symbol 10. fault symbol 11. display data parameters 12. host schematic

use operation

1. switching operation



shutdown status boot mode(manual mode) boot mode(automatic mode)

1) boot-up operation

In shutdown state, long press "O" key for 2 seconds, equipment start-up, display boot status as shown above.

2) shutdown operation

On-state, long press "O" key for 2 seconds, equipment entering blow-off cooling process, display "O" turn off the equipment after cooling.

At this time, do not force the power off for the cooling block. Direct power failure can damage parts because the body temperature is too high to dissipate heat, only when the machine is turned off can the power be cut off.

3) manual mode operation

6) Starting Timing Function

At the same time, long press the "*" and "▲" key to start the timing function, start the timing boot in the shutdown state, start the timing shutdown in the boot state, press the C key short to see the remaining time.

6. remote control code-matching operation

In shutdown state, simultaneous long press "O" and "▼" for two seconds, enter remote control code as follows.



1) Press "▲" or "▼" key to adjust the third digit value for remote control coding, the numerical range is 1-5, corresponding five remote controls.

2) Choose the Code of Remote Controller, arbitrarily press a key of the remote control, Machine Coding Successfully and Exit Coding State.

3) Short press "*" key to exit remote control code.

*Remote Control Requirements: 433mhz, 24-bit code. remote control function is optional function, please specify if you need to place an order.

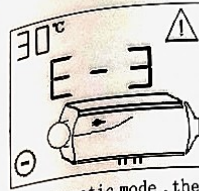
7. fault alarm

Show the following figure, corresponding to the failure symbol flicker, and corresponding to the failure device icon flicker, display data as fault code, its meaning please refer to the fault table.

*Spark plug, oil pump, fan, sensor, power supply and other symbols, flicker indicates that the corresponding device failure.

fault table

Fault code	Cause of failure	solutions
E-2	Power supply voltage range	Normal range: 24V (18-32V), 12V (9-16V). Check whether the battery or generator is normal and whether the fuse is aging



Manual mode has six gears (H1-H6) H6 represents maximum power, as shown above, boot status, add or subtract gears by "▲" or "▼", main engine schematic diagram and bar chart to show the current gear.

4) automatic mode operation

automatic mode, the figure above shows the setting of 20 degrees Celsius, add or subtract temperature values by "▲" or "▼", setting range 5-30 degrees Celsius, switching manual/automatic mode by long pressing "*" keyboard.

2. manual oiling operation

In shutdown state, two seconds after pressing the "▲" and "▼" at the same time, manual control of pumping, stop oiling after releasing the key, please use cautiously!

3. plateau model operation

At the same time, press the button for 2 seconds to enter the plateau mode.

"▲" display start plateau mode, press the "*" and "ok" key for two seconds to exit the plateau mode at the same time, please use cautiously!

4. setting timing switch time operation

Two seconds after pressing the "ok" and "▼" key at the same time, enter the timing setup time interface, the following figure is shown, tab "L" flicker, display shows 10. hours on time, if it display OFF, it means setting a timed shutdown time.



1) Press "▲" or "▼" key to adjust time value, time range: 1-24 hours.

2) Short press "O" key, switch to adjust digital bits.

3) Short press "O" key, switching the Timed Start-up and Timed Shut-down Time value.

4) Short press "ok" key, save the settings and exit the interface.

5) Press "*" key for 2 seconds, do not save the settings, exit this interface.

E-3	Ignition plug failure	1) Check whether the ignition plug connector is loose, the wire is short-circuited to the housing. 2) Detect whether the ignition plug is damaged.
E-4	Oil Pump Failure	Check for damage, loosening, oxidation, short circuit and breaking of oil pump connections and connectors.
E-5	High temperature alarm (intake > 50 C; case > 230 C)	1) Check whether the heating duct is unobstructed. 2) Check whether the fan is working properly. 3) Check whether the temperature sensor is normal.
E-6	Fault of Fan	1) Check whether the impeller is stuck. 2) Check if the connection plug-in is loose. 3) Excessive gap between magnet on wind turbine and Hall sensor on controller. 4) Whether the line is short circuit or open-circuit; leakage of motor.
E-8	Flameout	1) Check for oil shortage, low temperature solidification of oil, blockage of oil pipeline and blockage of oil pump. 2) Check whether the intake and exhaust ducts are unblocked. 3) Check whether the housing temperature sensor is in full contact with the housing and whether the pressure spring is strong.
E-8	Unsuccessful start up	1) The shell temperature is too high to blow the cooling shell for 3 minutes after starting. 2) There is a lot of white smoke in the exhaust gas. 2. 1) Check that the filter beside the ignition plug is clean and not cleaned or replaced. 2. 2) Check whether the fuel injection is effective. 2. 3) Check whether the ignition plug is aging. 2. 4) Is the clearance of the internal wind turbine too large? 2) A small amount of white smoke or no smoke in the exhaust gas.