

Smart Wifi[📶]
PTC CERAMIC
2000W HEATER



Model Number: PTC-2200WIFI, SKU: SHA5323

**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
LEAVE A COPY FOR THE USER / MAINTENANCE ENGINEER FOR FUTURE REFERENCE**

This product is only suitable for well insulated spaces.

In order to prevent the risks of a fire, an electrical shock, burns and other injuries, it is imperative to observe basic safety measures when using electrical appliances.

Please read the following information carefully before using the appliance for the first time for your own safety and to ensure correct use.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

CAUTION-Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

-If the supply cord is damaged, it must be replaced by retailer from where it was bought.

-CAUTION: In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

-WARNING: In order to avoid overheating, do not cover the heater.

-The heater must not be located immediately below a socket-outlet.

-Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.

1 IMPORTANT NOTES

1. The specified voltage must match the mains voltage. Use and adequate wire cross-section.
2. The appliance air inlet and outlet opening must not be obstructed in any way!
3. Never move the heater during operating, always unplug heater when not in use.
4. Never use the appliance if the appliance or cord is damaged. The appliance may only be opened up and repaired by authorize qualified personnel.

2 SAFETY INSTRUCTIONS

When using any electrically powered product, basic safety precautions should always be followed, including the following:

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THE PRODUCT.

WARNING - To reduce the risk of fire, electrical shock or injury to persons or property:

1. Always operate the product from a power source of the same voltage, frequency and rating as indicated on the product identification plate.
2. Remove the unit from its packaging and check to make sure it is in good condition before using.
3. Do not let children play with parts of the packing (such as plastic bags)
4. Close supervision is necessary when the product is used by children or old person.
5. Do not operate any product with a damaged cord or plug, or after the product malfunctions, or is dropped or appear damaged in any way.
6. efore unplugging the power cord, be sure to turn the power off. When touching the unit, be sure your hands are dry to prevent electrical shock.
7. Ensure the cord is fully extended before use and arrange it so that it is not in contact with any part of the heater.
8. In use, some parts of the heater are hot. When moving, hold the heater only by the handle provided.
9. Do not use the heater in areas such as garage where petrol, paint or other flammable substances are used or stored.
10. Do not use near or point the heater to furniture, animals, curtains

- or other inflammable objects. Keep combustible materials such as furniture, bedding and any other combustible materials at least 1 meter from the front and sides, and from the rear of the heater.
11. Do not place the cord under carpet or cover with throw rugs or furniture. Arrange the cord so that it cannot be tripped over.
 12. The unit is also fitted with a tip over switch. Do not use on thick and long pile carpets, as the heater may not work, due the tip over switch not been activated.
 13. To reduce the risk of electric shock, do not immerse or expose the product or flexible cord to rain, moisture or any liquid other than those necessary for correct operation of the product.
 14. This product should not be used in the immediate locations of water, such as bathtub, washbowls, bathroom swimming pool etc. where the likelihood of immersion or splashing could occur.
 15. Switch off and unplug from outlet when not in use, before assembling or disassembling parts and before cleaning. Do not pull on the cord.
 16. A common cause of overheating is deposits of dust and fluff entering the heater. Ensure these deposits are removed regularly by unplugging the heater, allowing it to cool and cleaning as described in the Care, Cleaning and Storage section.
 17. Be sure that no other high current appliances are plugged into the same circuit with your heater as an overload can occur.
 18. Avoid the use of an extension cord as the extension cord may overheat and cause a risk of fire.
 19. Do not use the appliance for other than its intended use.
 20. Do not use outdoors. FOR INDOOR USE ONLY.
 21. Do not leave the appliance unattended when switched on.
 22. Do not place objects on the product or allow objects to obstruct the inlet or outlet openings, or operate in close proximity to walls or curtains, etc. Do not cover unit when in operation.
 23. Do not locate the heater immediately below a socket-outlet.
 24. The use of attachments or accessories not recommended or sold by the product distributor may cause personal or property hazards or injuries.
 25. This product is intended for normal domestic/household use only.
 26. Use this heater as described in this manual. Any other uses may cause fire, electric shock, or injury to persons and may void the warranty.

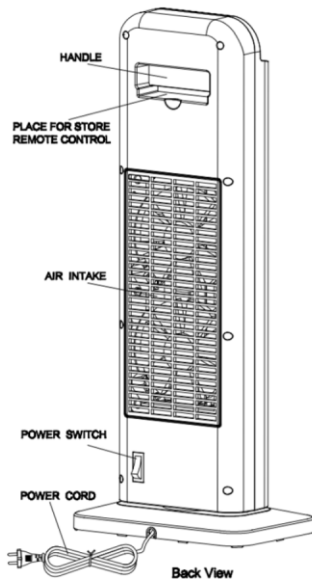
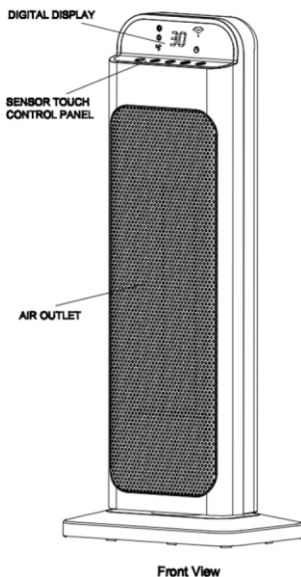
3 LOCATION

The appliance should be placed with a minimum distance of 90cm away from flammable objects (e.g. curtains), walls or other structures!

4 POWER CORD

1. Use only an approved extension cord that is suitable for the appliances rating!
2. Do not lay the cord under a carpet. Do not lay rugs, mats or similar articles on it.
3. Position the cord so that it does not pose an obstruction or tripping hazard.
4. Never pull the plug out of the socket at the cord!
5. Always disconnect the mains plug when the appliance is not in use.
6. Attention! The appliance may only be used for normal domestic use and not for industrial purpose.


5 KNOW YOUR HEATER




















6 BEFORE USE

1. Before use, remove all packaging and inspect the appliance for any damages. If there are appears to be any damages, please take back to place of purchase for replacement.
2. Ensure that all the accessories are included as per diagram above before you can continue with the installation.
3. Ensure that the location of the heater installed is not directly under a power socket and that a power socket is available to power the appliances for use.
4. Refer to the installation guide for further instruction.







7 USING THE HEATER

- Before inserting the plug into an electrical outlet, make sure that the electrical supply in your area matches that on the rating label on the unit.
- When you plugged in, turn on the Main power switch at the back side of the unit.
- When in Standby mode, only ON/OFF switch on the control panel will respond to your touch.
- Touch the  to control the unit.

PTC-2200		1. Turn on the power switch, LED display Environment temperature, the appliance is standby; see picture 2.1		
		2. Press "  " as follows: ON(only Fan working), OFF(Fan keep working for 30 seconds when shutdown the appliance(after heating)); see picture 3.1 3. Press "  " , low heat, high heat, FAN working, see picture 4.1- 4.2 4. Press "  " to set timer, 1h, 2h, 3h..... 12h, see picture 5.1-5.3		
Touch induction type button		6. Press "  " , then can set temperature. Temperature range 15-45 C , see picture 5.4-5.5		
		3. Press "  " , SWING ON, SWING OFF, see picture 6.1 4. The appliance tilt or base leave the ground, power will cut off automatically; Note: The indicator lights when corresponding function is working;		
Display interface				
				
2.1	3.1	4.1	4.2	5.1
				
5.2	5.3	5.4	5.5	6.1









Remote control:

- 5、 Press “” as follows: ON(only Fan working), OFF(Fan keep working for 30 seconds when shutdown the appliance after heating)
- 8、 Press “” as follows: Low heat, High heat, FAN working;
- 9、 Press “” as follows: SWING ON, SWING OFF;
- 10、 Press “” to set timer as follows: 1h、 2h、 3h、 . . . 12h;
- 11、 Press “” “” to set temperature, Temperature range: 15-45℃.

For example, Environment temperature is 25 ℃, See picture 11.1
 Set temperature is equal to or lower than Environment temperature, appliance will stop heating. See picture 11.2-11.3
 Set temperature is 1-2℃ higher than Environment temperature, appliance will low heat. See picture 11.4-11.5
 Set temperature is higher or equal to Environment temperature+3℃, appliance will high heat. See picture 11.6

Note: The indicator lights when corresponding function is working

 25	 25	 24	 26	 27
11.1	11.2	11.3	11.4	11.5
	/	/	/	/
 28				
11.6	/	/	/	/

OVERHEAT PROTECTION:

This heater is protected with an overheat protection that switches off the appliance automatically in case of overheat, e.g. due to total or partial obstruction of the grids. In this case, unplug the appliance, wait about 30 minutes for it to cool and remove the object which is obstructing the grids. Then switch it back on as described above. The appliance should operate normally. Should the problem persist, please contact customer service.

NOTE: To assist in maintaining the internal components, after press the OFF button the fan will continue to blow room air for 30 seconds before shutting down to standby.

OVERHEAT PROTECTION:

Your heater is designed to automatically shut the heater off when tipped forward or backward.

The unit will automatically turn on once it is returned to its normal upright position.

Do not use on thick and long pile carpets, as the heater may not work, due the tip over switch not been activated.

8 SAFETY SYSTEM

- In the event of abnormal overheating, a safety device shuts down the appliance automatically. After a short cooling down phase, the appliance is ready for use again.
- If you still notice the same defect as above mentioned, remove the plug from the socket and wait for couple of hours before trying again. If problem persists, please contact customer service.
- During use, do not touch or cover the air outlet. This may cause the unit to overheat, and the safety device to operate.

9 MAINTENANCE

- Your appliance must be switch OFF via the main power supply and unplugged before proceeding with any cleaning work.
- Clean the housing with a lightly damp cloth, a vacuum cleaner or a dusting brush.
- Never use flammable or abrasive cleaning agents such as benzene or spirit to clean the appliance.
- Never immerse the appliance in water!

- Clean the air inlet and outlet regularly with a vacuum cleaner.
- If the appliance is not used for extended period it must be protected against excessive dust and dirt. Please dismount the heater and store in a dry place away from sunlight and dirt.

10 SPECIFICATIONS

Model No.	PTC-2200WIFI
Voltage	220-240V AC
Frequency	50Hz
Output Power(W)	2000W

CORRECT DISPOSAL OF THIS PRODUCT



When the time comes to eliminate this product, please consider the environmental impact and take it to recognized recycling facility instead of disposing it with general household waste.

Take the equipment to a waste disposal site. Plastic and metal parts that are used in the construction of this appliance can be separated into pure grade which allow recycling. Ask to your service center for details. Everyone of us can participate on the environmental protection.

11 ADD DEVICE

1. Download ENERJSMART App.

Please scan the QR code, or search and download APP "ENERJSMART" from Apple store or Google play. Also works with Alexa, Google home.

Download
Our App



ENERJSMART

To download,
Scan the QR code



Android



iOS



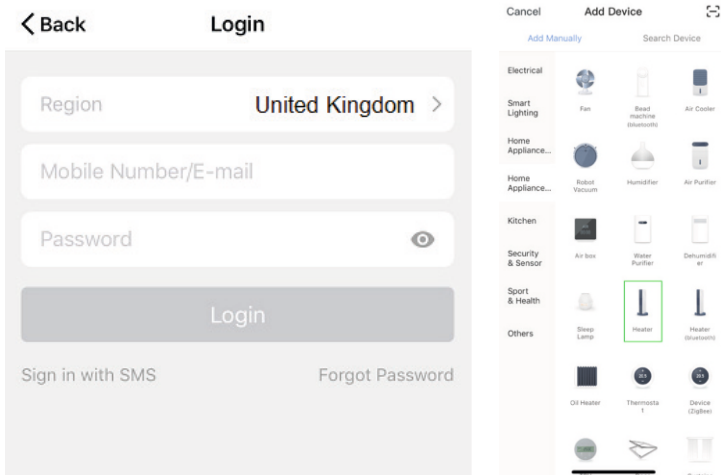
Google Home



WORKS WITH
amazon alexa

2. Registration

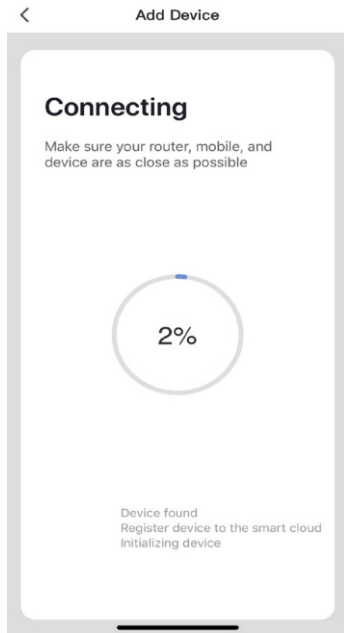
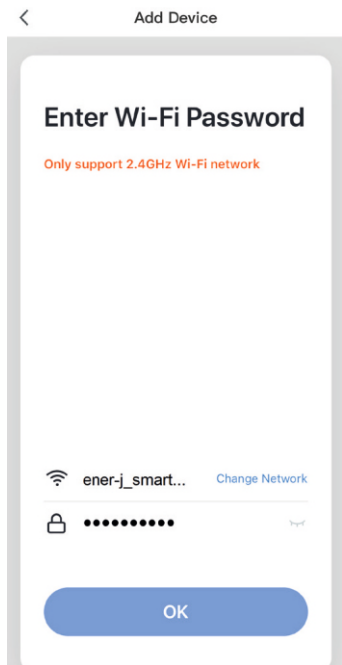
Enter the register/login interface; input the phone number for getting verification code to register or through other methods at the bottom of page connecting to related authorization interface to log in.



3. Easy Mode(Recommend)

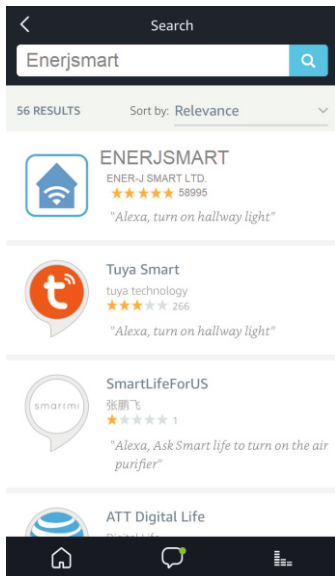
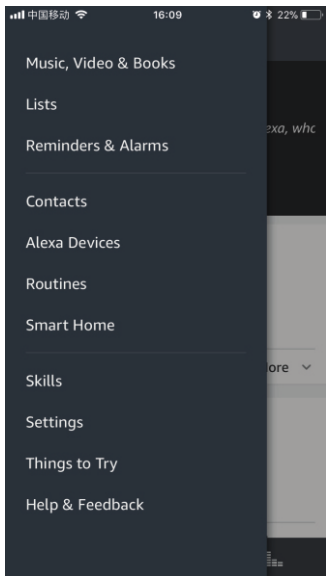
- Turn on the switch on the back of the product, and the LCD screen will display "--", indicating that the device enters standby mode; press the power button and the fan starts working. Press mode button "Ⓜ" for 3 seconds, the WiFi indicator on the LCD screen will start blinking rapidly which means pairing mode is on.
- Please make sure that mobile phone/tablet with which you are trying to pair has been connected to Wi-Fi 2.4G internet.
- Tap the icon "+" on the top right corner of "My Device", enter "Add Device".
- Make sure the indicator light is flashing quickly, and then tap Heater.
- Choose the local Wi-Fi and enter the correct password, tap "Next".
- Wait for configuring successful, then tap "Complete".
- If not successful (100% but without success) then possible reasons are:

1. Reset the Heater again-Preparation point.
2. Wi-Fi password is entered incorrectly- Please carefully put WiFi password.
3. 5G Network or low range of 2.4G Internet (Move the device close to router and make sure that the WiFi is enabled for 2.4G Internet access.
4. Mobile Issues- Restart your phone/ tablet.

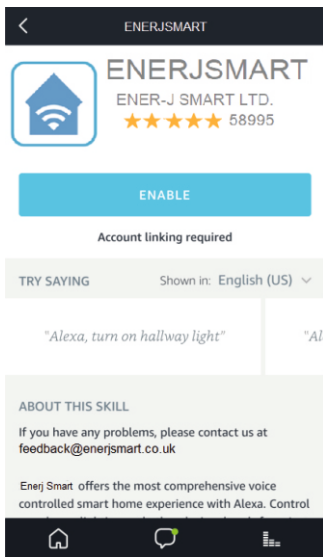


12 ENABLE ENERJSMART SKILL IN ALEXA APP

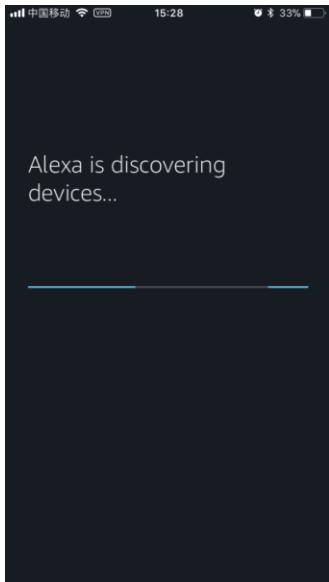
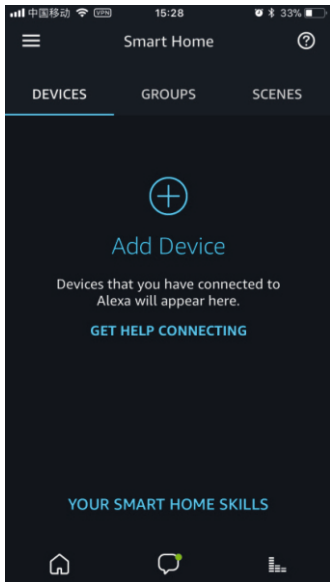
- Open Alexa (amazon account), choose 'Skills' in the options bar, and then search "ENERJSMART" in the input box.



- Select ENERJSMART in the search results, and then click "Enable Skill."



- Then input the user name and password of ENERJSMART APP that you had previously registered.
- Go back to Alexa home page, choose 'smart home' in the option bar, press '+' (add device) button, searching devices related to applications automatically.



- After the above operation is successful, you can control the device Via Alexa.

Information requirements for electric local space heaters

Model identifier(s):PTC-2200WIFI					
Item	Symbol	Value	Unit	Item	Unit
Heat output			Type of heat input,for electric storage local space heaters only(select one)		
Nominal heat output	P _{nom}	2.0	kW	Manual heat charge control,with integrated thermostat	NA

Minimum heat output(indicative)	P_{min}	0	kW	Manual heat charge control with room and/or outdoor temperature feedback	NA
Maximum continuous heat output	P_{max,c}	2,0	kW	Electronic heat charge control with room and/or outdoor temperature feedback	NA
Auxiliary electricity consumption				Fan assisted heat output	NA
At nominal heat output	e_{lmax}	NA	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	e_{lmin}	NA	kW	Single stage heat output and no room temperature control	[no]
In standby mode	e_{lsb}	0,00	kW	Two or more manual stages, no room temperature control	[no]
				With mechanic thermostat room temperature control	[no]
				Electronic room temperature control	[yes]
				Electronic room temperature control plus day timer	[no]
				Electronic room temperature control plus week timer	[no]
				Other control options(multiple selections possible)	[no]

	Room temperature control, with presence detection	[no]
	Room temperature control, with open window detection	[no]
	With distance control option	[no]
	With adaptive start control	[no]
	With working time limitation	[no]
	With black bulb sensor	[no]
Support Helpline	+44 292 1252473 or email us at info@ener-j.co.uk	

Warranty Information:

The product covers manufacturing defects for the period of 2 Years. Below are the Terms for Warranty:

1. There should not be any physical damage on the Heater. If the product is delivered with physical damage please return it back to point of purchase.
2. The Heater cannot be used for more than 12 hours a day. The internal parts need cooling time and if Heater is used more than 12 hours a day then warranty will be void.
3. Contact with water can damage the product and voids the warranty.
4. ENERJ SMART LTD will not be responsible for any damages other than the product cost.

Stuck? Confused?

Contact our Technical Support team on:

T: +44 (0)2921 252 473 | E: support@ener-j.co.uk

Lines are open Mon - Fri (8am to 4pm)