Manuals+ — User Manuals Simplified.

eSUN eBOX Lite Cost-Effective Storage Box with Constant Temperature and Humidity User Guide

Contents

eSUN eBOX Lite Cost-Effective Storage Box with Constant Temperature and Humidity

Attention

Please read the user guide before use and keep it carefully. Please read this manual thoroughly before operate the machine and save it for some unexpected situation.

- Pull out the attaching plug, when the power line or socket is worn or damaged.
- Cut the power off when not use it.
- DO NOT let children operate it without supervision.
- DO NOT touch the bottom plate when dry filaments in case of burn.
- Turn off the machine when not use it.
- DO NOT use it in damp environment.
- Cut off the power and contact us immediately when something is wrong.
- DO NOT disassemble or repair it without guidance.

Instruction

- This user guide is provided for the convenience of users. Pictures and descriptions may slightly vary from the actual product. The contents of this user guide can be changed without notice.
- We are not liable for any direct or indirect damage due to the user's negligence.
- We will not take the responsibility to the damage caused by misoperation.
- Please read this manual thoroughly before use it.
- Please make sure the socket voltage matching with the product before use it.
- Please remove all packaging items on the product before using it for the first time.
- Put the product on a horizontal table.

## Product Name of Each Part
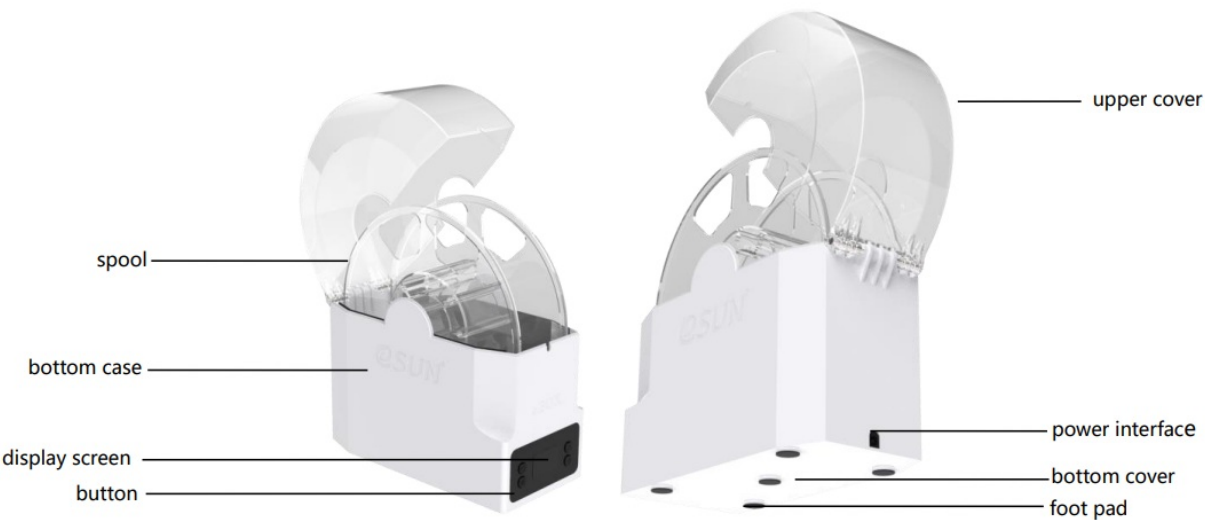
Product Specification Table

Package Size	249(L)×138(W)×272.5(H) mm
Product Size	215(L)×104(W)×238.5(H) mm
Max Capacity	Φ200×73(H) mm
Product Weight	750g
Rated Power	AC100-240V~50/60Hz
Power Output	DC24V~2A
Power of Heater	35W
Filament Diameter	1.75mm/2.85mm/3mm

Certification System
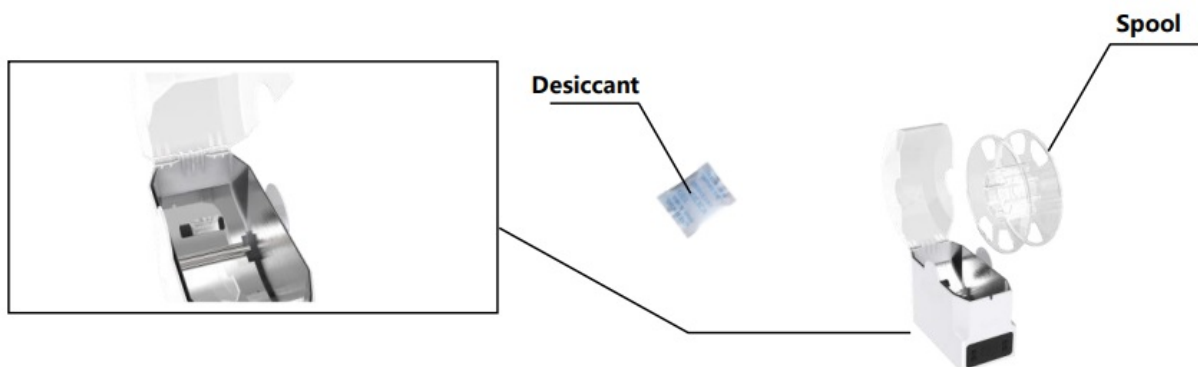

Method of Use

1. Plug the adapter into the AC100-240V ~ 50 / 60Hz power supply and plug the output terminal into the interface in the tail of eBOX.
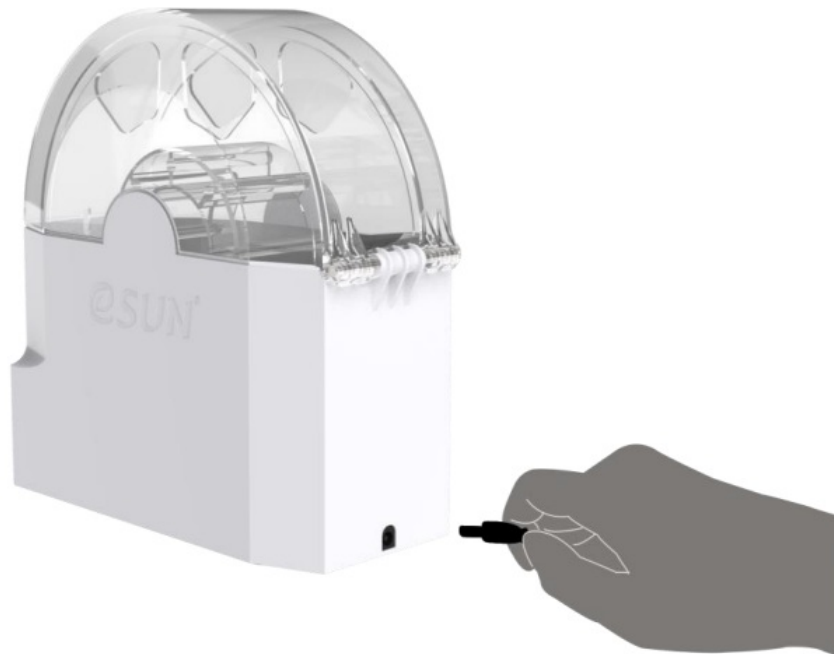
2. Press ⏻ button to start

3. Open the upper cover, put the desiccant into the empty slot in the rear of the box, then put the spool in.


Spool

Desiccant

4. Put the spool in and pull the filament out through the outlet, close the cover. (The direction to pull filament can be bottom-up, or from top to bottom, depending on the position of printer)

Parameter Setting

- The product has four buttons, the open button ⏻ the function button Ⓜ the up button △ the down button ▽ .
- The product has two modes: Temperature Setting Mode TEMP, Heating Time Setting Mode TIME.
- Press Ⓜ to switch modes and the △▽ to change the parameters.
- The system will be in dormancy after no-operation for 5 seconds, the backlight disappears in dormant state, press any button to wake up, and then press button to set parameters or shut down.
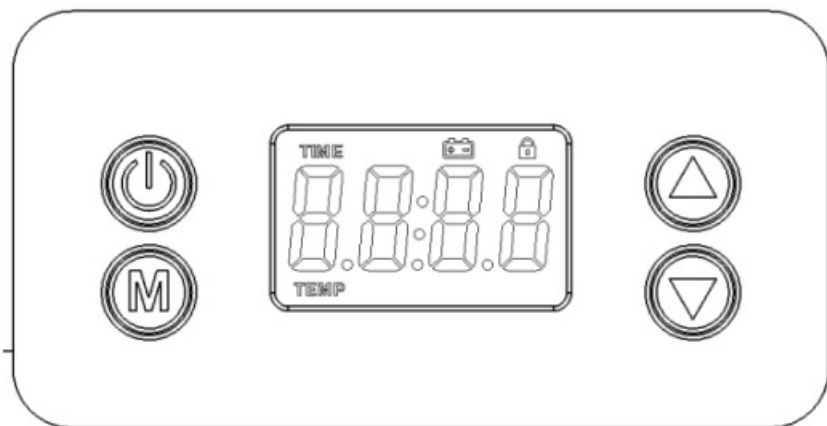
Temperature Setting Mode

- Press the mode button Ⓜ three times and switch to the Temperature Setting Mode. The screen will display TEMP, there are 3 levels in total, which can be adjusted by the up button △ or the down button ▽ . The bigger the number is, the higher the temperature will be. "0" means no heating. For more details of level setting, please refer to the table on page 6. As shown in the screen below, the heating temperature is set to the 3th level, which is the highest temperature.

Heating Time Setting Mode

- Press the button (M) four times to switch to the Heating Time Setting Mode. The screen will display TIME, and the displayed number is the rest heating time. The unit is Hour. As shown below, the rest heating time is 5 hours and 30 minutes.
- The displayed value in TIME mode decreases as time moves forward, which is similar to the countdown.
- In TIME mode, press the up button (△) or the down button (▽) to increase or decrease time by half an hour.
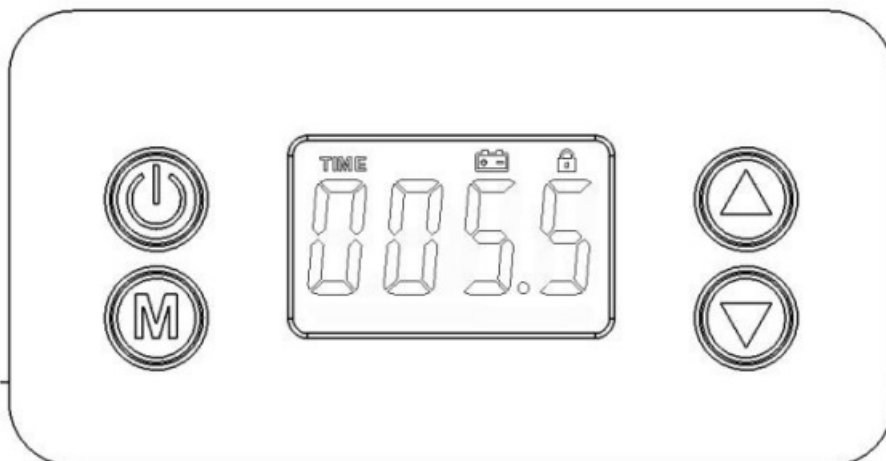
Parameter Setting Suggestion

Level Set Reference Table

Type of filament	PLA/PLA+	ABS/ABS+	PETG	PVA	Nylon	PC
Level	1	2	2	3	3	3

Level Set for Temperature & Humidity Reference Table

Level	1	2	3
Hot plate TEMP	103℃	116℃	118℃
Inside TEMP	40℃	50℃	55℃
Inside humidity	34.2%	23%	15%

Note: Above parameters in the table are testing under 20 ℃ of temperature and 55% of humidity in the room. The te mperature and humidity in the box will slightly change due to different environments.

Other Notes

- The desiccant in the filaments package can be used to dry.
- In case of the loss of temperature Do not open the box when dry filaments.

Documents / Resources

eSUN eBOX Lite Cost-Effective Storage Box with Constant Temperature and Humidity [pdf] User Guide
eBOX Lite Cost-Effective Storage Box with Constant Temperature and Humidity, eBOX Lite, Cost-Effective Storage Box with Constant Temperature and Humidity, Storage Box, Box