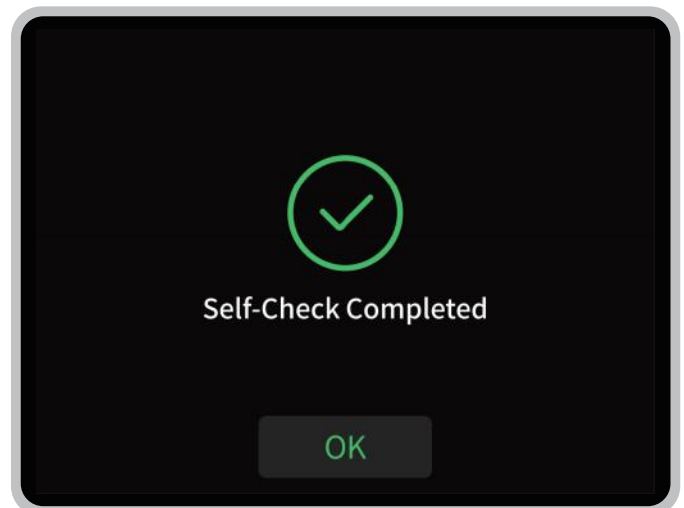
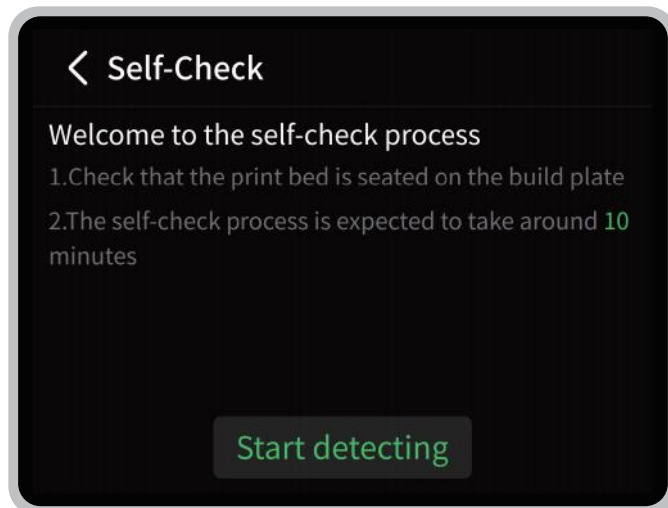


3 Printer Self-check:



a. Follow the on-screen prompts to start the device self-check.

b. Wait patiently until the self-check is completed, then you can start using the printer.



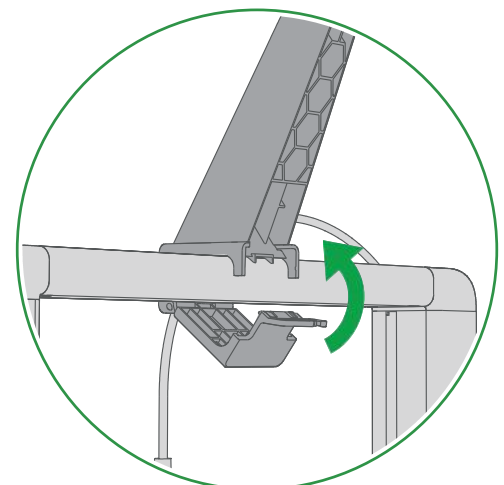
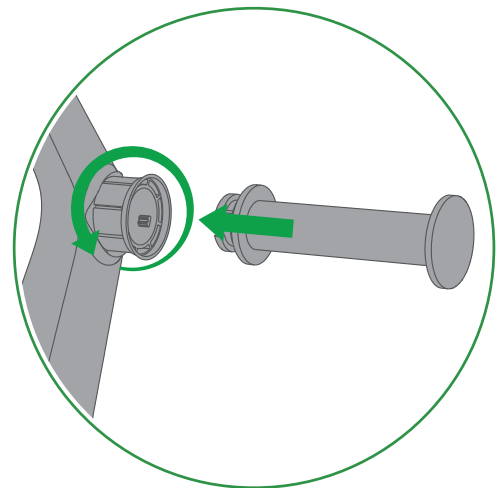
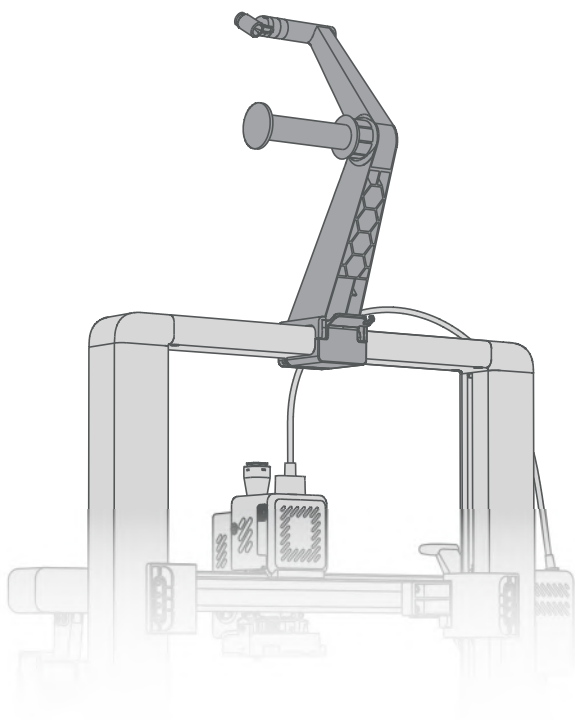
During the self-check, vibration and noise are normal phenomena.

4 / First Print Experience

4.1 Printing with spool holder

4.1.1 Install the spool holder and load the filament

1 Assemble the spool holder.

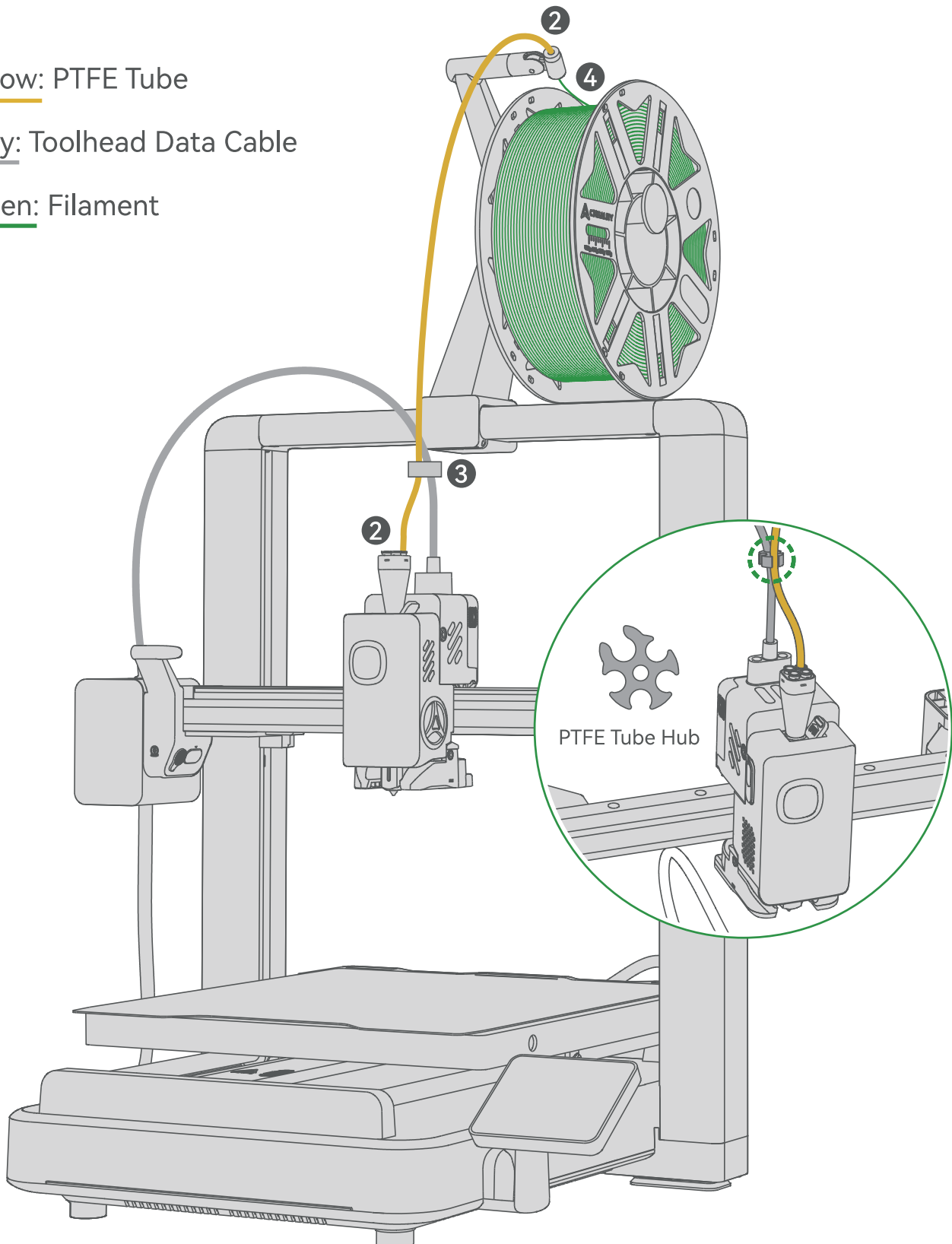


- ② As shown, connect the PTFE tube between the spool holder and any Toolhead filament hub port.
- ③ Clip the Toolhead data cable and PTFE tube into the PTFE tube hub.
- ④ Hang the filament on the spool holder, then insert it into the Toolhead through the PTFE tube.

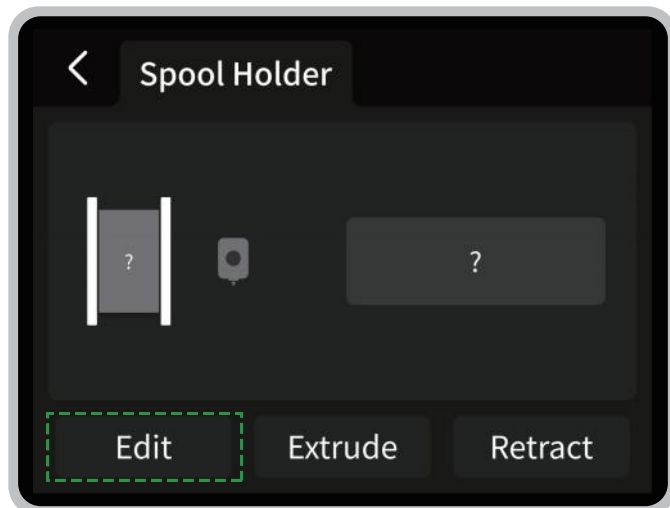
Yellow: PTFE Tube

Gray: Toolhead Data Cable

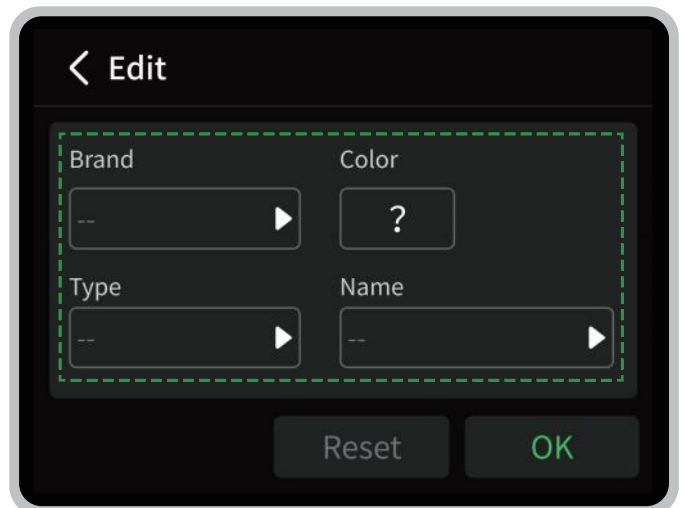
Green: Filament



5 Edit spool holder filament information:

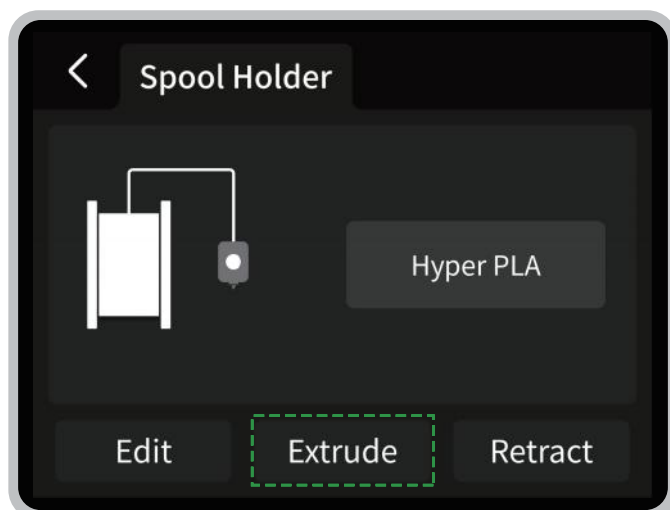


a. When the filament shows a question mark, tap Edit.

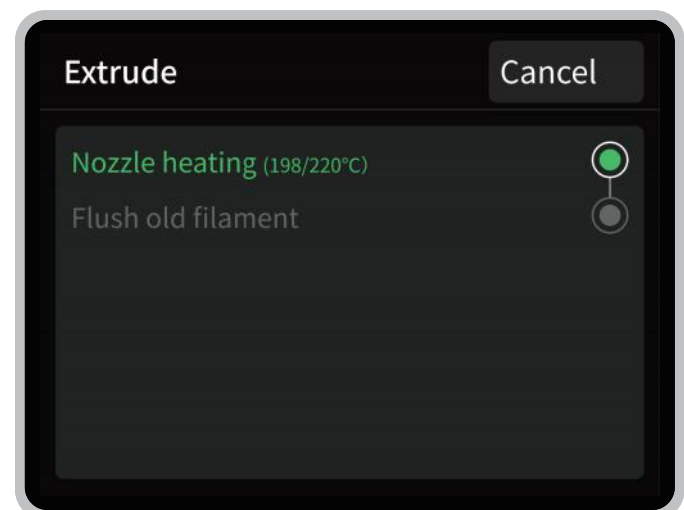


b. Set the Brand – Color – Type – Name, then tap Confirm.

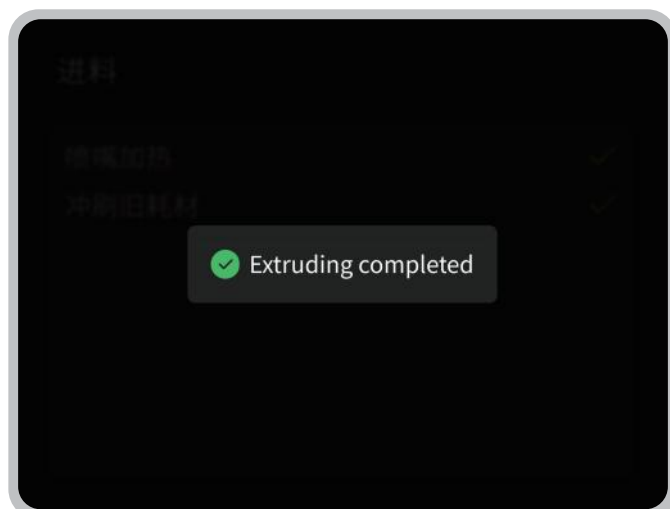
6 Follow the screen instructions to complete filament loading:



a. Tap Load.



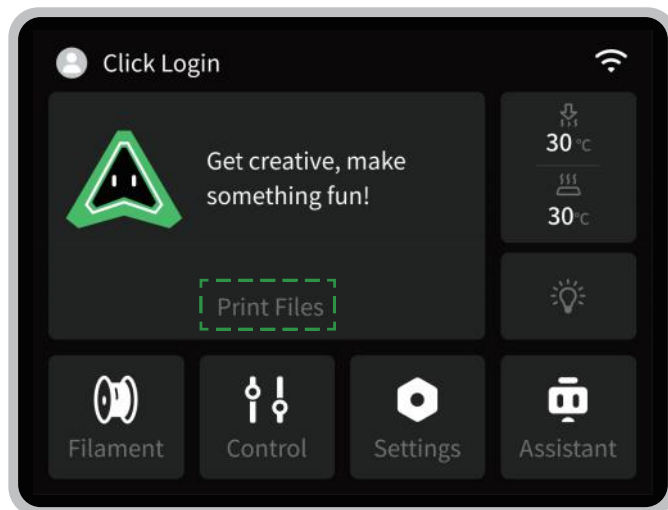
b. Wait until the loading is complete.



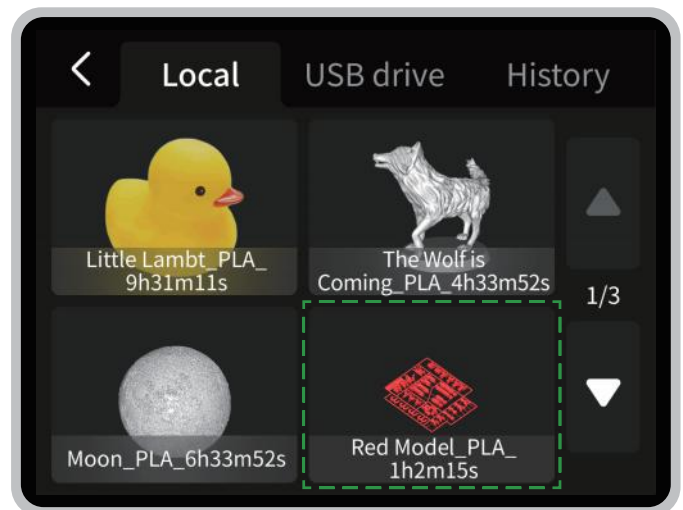
c. Filament loading completed.

4.2 Start Printing

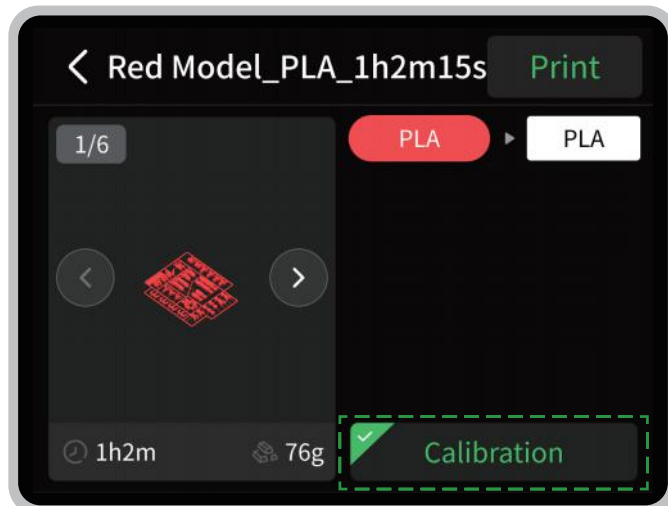
* Before printing, ensure the print plate is placed flat and free of debris.



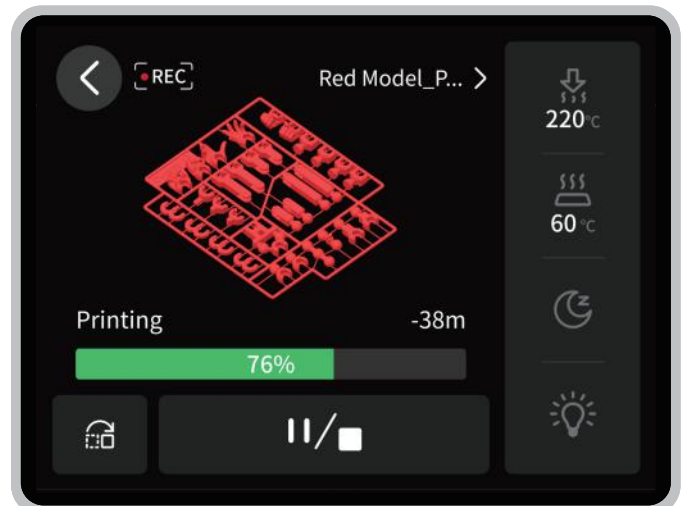
① On the Home page, tap Print File.



② Select the model you want to print.



③ Tap Print (It is recommended to enable the Print Calibration option).



④ Wait patiently for the printing to complete. (After printing, allow the print bed to cool down completely before removing the model.)

5 / Technical Specifications

Item		Specification
Basic Information	Model	i7
	Brand	SPARKX
	Printing Technology	FFF
	Body Material	Metal、Plastic
	Rated Voltage/Power	100-120V~, 400W, 50/60Hz
	Physical Dimensions (W×D×H)	470*423*456mm ³
	Net Weight	9.28kg
	Build Volume (W×D×H)	260×260×255mm ³
	Display	2.85 inches 640*480 IPS Touch Screen
	Monitoring Camera	720P with LED fill light
	Ports	Creality 485 6pin ; USB
	Storage	8GB, EMMC
Speed	Optimized Print Speed	300mm/s
	Optimized Acceleration	10000mm/s ²
	Max Print Speed	500mm/s
	Max Acceleration	10000mm/s ²
Supported Filament	PLA/PLA-Silk/PLA-CF/PETG	Recommended
Feature Configuration	Input Shaping	Supported
	Filament Runout Detection	Supported
	Filament Runout Recovery	Supported
	AI Monitoring	Supported, including build plate detection, spaghetti detection, and other features
	Empty Extrusion Monitoring	Supported
	Cutter Status Detection	Supported
	Intelligent Status Indicator	Supported, RGB

	Audible Alerts	Supported
Toolhead	Number of Hot Ends	1
	Extruder	Direct Drive Extruder
	Quick-Release Hotend	Supported,Tool-Free Quick Release
	Cutter	Stainless Steel
	Max Hot End Temperature	300°C
	Nozzle Diameter	0.4mm(Included), 0.2/0.6/0.8mm(Optional)
	Hot End Material	Hardened Steel
	Model Cooling Fan	Silent Fan
	Hotend cooling fan	Silent Fan
	Max Hot End Flow	23mm ³ /s (Creality Hyper PLA, 220°C)
Hotbed	Max Print Plate Temperature	100°C
	Hotbed Power	600W@220V / 300W@110V
	Print Plate	Dual-Sided Gold Textured PEI Plate
Software	Slicer	Creality Print 6.2 or later
	Creality Cloud APP	Supported
Wi-Fi	Frequency Range	2.4GHz(2400~2483.5MHz)
	Protocol	IEEE 802.11b/g/n/ax

