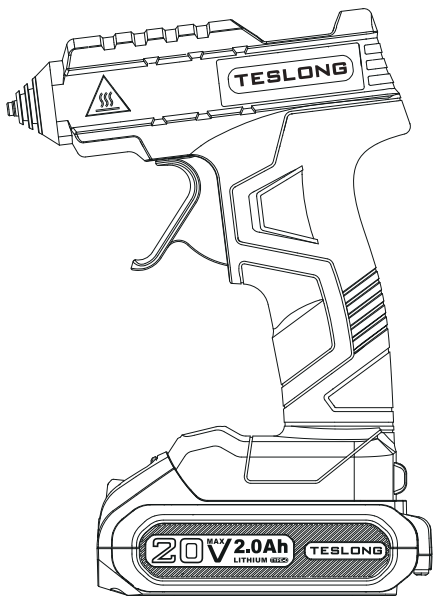


# TESLONG

## Hot Glue Gun



## User Manual

Model: ML-CG02-200K



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# SAFETY GUIDELINES – DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

## **Danger**

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

## **Warning**

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

## **Caution**

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

## **Notice**

Used without the safety alert symbol indicates potentially hazardous situation which, if not avoided, may result in property damage.

## **Safety Instructions**

- Read all instructions before use.
- Ensure you fully understand the operation and safety guidelines before operating the tool.
- Only use compatible glue sticks in the correct diameter to avoid jamming
- Allow the glue gun to preheat fully before operation.
- Avoid direct contact with the nozzle and melted glue, as they can reach high temperatures and cause burns.

- Do not touch glue immediately after dispensing. Allow glue sufficient time to cool and solidify before handling.
- Use the glue gun on a stable, heat-resistant surface.
- Keep flammable materials away while the glue gun is heating or operating.
- Do not leave the glue gun unattended during use.
- A heated glue gun may continue to drip glue and pose a burn hazard.
- Allow the glue gun to cool completely before storage.
- Keep the tool away from moisture and direct sunlight.
- This tool is not a toy and should be operated by adults only.
- Keep out of reach of children and pets.
- Do not dismantle, modify, or attempt to repair the glue gun on your own. Repairs should only be performed by qualified service personnel.
- The nozzle and glue can reach high temperatures and may cause burns.
- Do not touch the glue immediately after dispensing.
- Hot glue takes time to cool and solidify.
- Keep away from children and pets.
- This tool is not a toy and should be operated by adults only.
- Use on a stable, heat-resistant surface.
- Avoid flammable materials while the glue gun is heating or operating.
- Do not leave the glue gun unattended.
- A heated glue gun may continue to drip glue or pose a burn hazard.
- Allow the glue gun to cool before storing.
- Keep the tool away from moisture and direct sunlight.
- Do not dismantle or modify the glue gun.
- Repairs should only be performed by qualified personnel.

# BATTERY CHARGER SAFETY INSTRUCTIONS

Save these instructions:

This manual contains important safety instructions for battery chargers. Before using the charger, read all instructions and cautionary markings on the charger, battery pack, and the product using the battery pack.

## ■ General Warnings

- **Shock Hazard:** Do not allow any liquid to get inside the charger.
- **Burn Hazard:** To reduce the risk of injury, charge only with the designated batteries. Other types of batteries may burst, causing serious personal injury and damage.
- **Compatibility:** Do not attempt to charge the battery pack with any chargers other than those specified in this manual. The charger and battery pack are designed to work together.
- These chargers are intended only for charging designated rechargeable batteries. Any other use may result in fire, electric shock, or electrocution.
- Do not expose the charger to rain or snow.

## ■ Safe Operation

- Pull by the plug rather than the cord when disconnecting the charger to reduce the risk of cord damage.
- Position the cord so it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- Do not operate the charger with a damaged cord or plug. Replace them immediately.
- Do not operate the charger if it has been dropped, struck, or otherwise damaged. Replace them immediately.
- Do not disassemble the charger. Incorrect reassembly may result in electric shock, electrocution, or fire. Service and repairs should be performed only by authorized service personnel.

## ■ Placement and Ventilation

- Do not place any object on top of the charger or place it on a soft surface that could block the ventilation slots and cause overheating.
- Place the charger away from heat sources and ensure it has adequate ventilation.
- The charger is intended for use on a flat, stable surface (e.g., tabletop, workbench). Do not mount on a wall or affix permanently to any surface.

## ■ Power Supply

The charger is designed to operate on standard household electrical power (120 Volts). Do not attempt to use it with any other voltage source.

# BATTERY PACKS SAFETY INSTRUCTIONS

## **Warning**

For safe operation, read this manual and all instructions originally supplied with the tool before using the battery pack.

## **General Guidelines**

- The battery pack is not fully charged out of the box. Follow the charging procedures outlined in this manual before first use.
- Never attempt to open, crush, drop, or damage the battery pack. If the case is cracked or damaged, do not insert it into the charger. Damaged battery packs should be returned to an authorized service center for recycling.
- Do not incinerate the battery pack, even if severely worn or damaged. The battery may explode in fire, releasing toxic fumes and hazardous materials.

## **Handling and Exposure Hazards**

- Do not charge or use the battery in explosive atmospheres, such as near flammable liquids, gases, or dust. Inserting or removing the battery may ignite fumes.
- If battery contents contact skin, wash immediately with mild soap and water.
- If battery liquid contacts the eye, flush with clean water for at least 15 minutes and seek medical attention. Lithium-Ion electrolyte contains liquid organic carbonates and lithium salts.
- Inhalation of leaked cell contents may cause respiratory irritation. Move to fresh air and seek medical help if symptoms persist.
- **Burn Hazard:** Battery liquid may be flammable if exposed to sparks or flames.

## ■ Charging and Storage

- Only charge the battery pack using designated chargers or approved charging methods.
- Do not splash or immerse the battery in water or other liquids.
- Do not store or use the battery pack where temperatures may reach or exceed 105 °F (40 °C), such as in outdoor sheds or metal buildings during summer.

## ■ Transport and Fire Safety

- **Fire Hazard:** Do not carry or store the battery pack in a way that metal objects can contact the terminals (e.g., nails, screws, keys, coins, or tools in pockets, aprons, or toolboxes).
- When transporting batteries, ensure the terminals are properly insulated to prevent accidental short circuits.
- The U.S. Department of Transportation (DOT) Hazardous Material Regulations prohibit transporting unprotected lithium-ion batteries in commerce or on airplanes.
- **Note:** Lithium-ion batteries must not be placed in checked baggage. Carry them in protective cases in carry-on luggage only.

### ⚠ Notice

- Lithium-ion batteries must not be placed in checked baggage.
- Carry them in protective cases in carry-on luggage only.

## PRODUCT DESCRIPTION

The 20V Cordless Hot Glue Gun provides fast heating, stable glue flow, and convenient cordless use. Powered by a 20V rechargeable lithium-ion battery, it is ideal for DIY projects, crafting, and home repairs. Its ergonomic design and easy glue-stick loading ensure smooth and comfortable operation.

### ■ Features

- **20-Seconds Fast Heating:** Heats up in just 20 seconds for quick and efficient operation
- **Human-Body Induction Indicator Light:** Clear visual status during use.
- **Cordless Design:** Battery powered for portability
- **Autmic Power Off:** Auto power off features enhances safety and saves battery life

## 20V MAX BATTERY PACK – CHARGING METHOD

Your battery pack supports two charging methods:

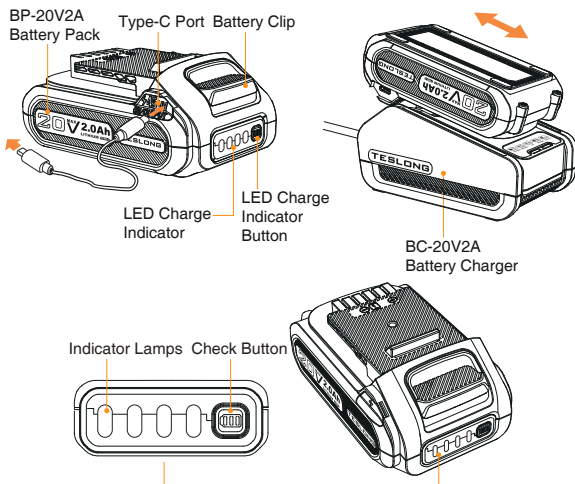
Charging Methods	Description	Included/Optional
Type-C Charging	Connect the supplied Type-C cable to the battery pack and a Type-C power adapter.	Included
Charging Dock	Insert the battery pack into the optional desktop charging dock.	Sold separately at <a href="http://www.teslong.com">www.teslong.com</a>

### Important

- Only use the supplied Type-C cable or the designated charging dock. Using other charging methods may damage the battery or create a safety hazard.
- To use the Type-C port for charging or discharging, press the LED Charge Indicator Button on the battery pack to activate the port.

### Charging Procedure

- **Connect Charger:** Plug the Type-C cable into an appropriate Type-C power source, or connect the battery pack to the optional charging dock.
- **Insert Battery:** Insert the battery pack into the charger or Type-C port as shown in the diagram.



Indicator Lamps	Remaining Capacity
<div style="display: flex; align-items: center; gap: 10px;"> <div style="display: flex; gap: 5px;"> <span style="color: green;">●</span> Lighted           </div> <div style="display: flex; gap: 5px;"> <span style="border: 1px solid black; border-radius: 50%; width: 15px; height: 15px; display: inline-block;"></span> Off           </div> </div>	
<div style="display: flex; justify-content: space-around; gap: 10px;"> <span style="color: green;">●</span> <span style="color: green;">●</span> <span style="color: green;">●</span> <span style="color: green;">●</span> </div>	75-100%
<div style="display: flex; justify-content: space-around; gap: 10px;"> <span style="color: green;">●</span> <span style="color: green;">●</span> <span style="color: green;">●</span> <span style="border: 1px solid black; border-radius: 50%; width: 15px; height: 15px; display: inline-block;"></span> </div>	50-75%
<div style="display: flex; justify-content: space-around; gap: 10px;"> <span style="color: green;">●</span> <span style="color: green;">●</span> <span style="border: 1px solid black; border-radius: 50%; width: 15px; height: 15px; display: inline-block;"></span> <span style="border: 1px solid black; border-radius: 50%; width: 15px; height: 15px; display: inline-block;"></span> </div>	25-50%
<div style="display: flex; justify-content: space-around; gap: 10px;"> <span style="color: green;">●</span> <span style="border: 1px solid black; border-radius: 50%; width: 15px; height: 15px; display: inline-block;"></span> <span style="border: 1px solid black; border-radius: 50%; width: 15px; height: 15px; display: inline-block;"></span> <span style="border: 1px solid black; border-radius: 50%; width: 15px; height: 15px; display: inline-block;"></span> </div>	0-25%

## ■ Type-C Port Description

The battery pack is equipped with a multi-function Type-C port that supports both charging input and power output.

Input (Charging the Battery Pack)					
5 V  3 A	9 V  3 A	12 V  3 A	15 V  3 A	20 V  2.25 A	Max 45 W

### Output (Powering External Devices)

5 V $\approx$ 3 A	9 V $\approx$ 3 A	12 V $\approx$ 3 A	15 V $\approx$ 3 A	20 V $\approx$ 2.25 A	Max 45 W
-------------------	-------------------	--------------------	--------------------	-----------------------	----------

This port supports Type-C PD Fast Charging, allowing fast and safe charging of the battery pack as well as other external electronic devices.

#### Notice

Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

## ■ Charging Status

### Full Charge

- When the battery is charging, the LED Charge Indicator on the battery will flash a green light.

### Full Charge

- When the battery is fully charged, the green LED will remain lit and turn off after 1 minute.

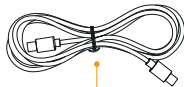
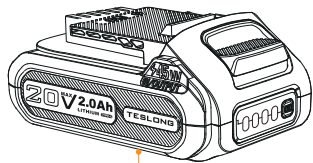
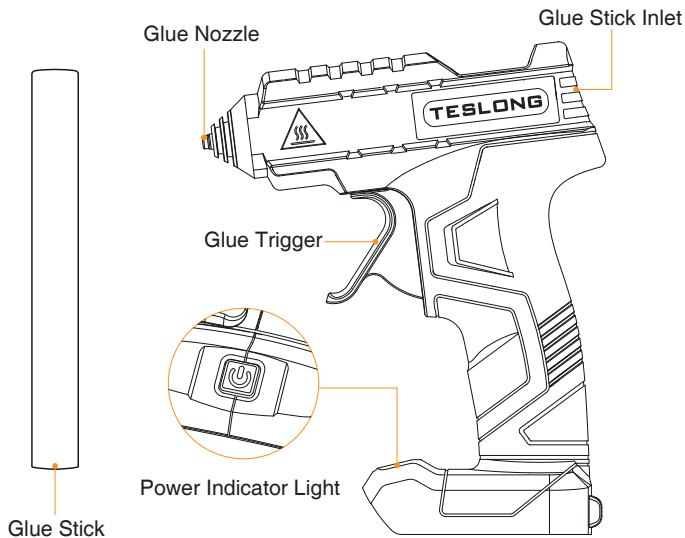
## ■ Tips for Best Performance

- Recharge the battery as soon as possible after use. Prolonged storage in a discharged state may reduce battery life.
- Avoid fully discharging the battery. Recharging after each use is recommended.

## ■ Important Charging Notes

- **Optimal Temperature:** Charge the battery pack when the ambient temperature is between 65-75 °F (18-24 °C).
  - Do not charge below 40 °F (4.5 °C) or above 105 °F (40.5 °C). Charging outside this range may cause permanent damage.
- **Warmth During Charging:** The charger and battery pack may become warm to the touch during charging. This is normal.
  - Avoid placing the charger or battery in hot environments (e.g., metal shed or hot enclosed space).

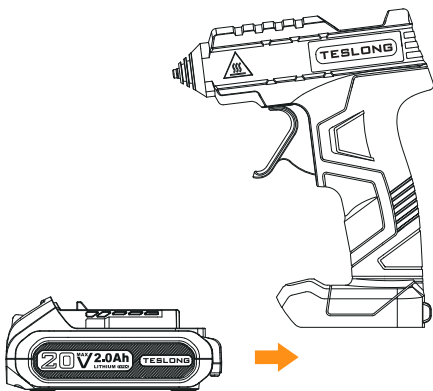
# PRODUCT DESCRIPTION



# BATTERY PACK INSTALLATION & REMOVAL

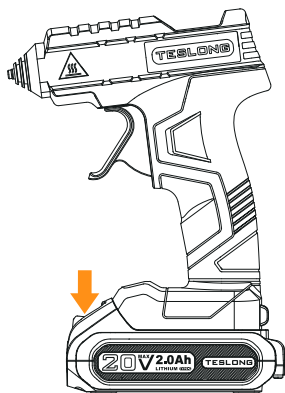
## Installing the Battery Pack

- Insert the battery pack into the power unit until an audible click is heard.
- Ensure the battery pack is firmly secured and latched into position.

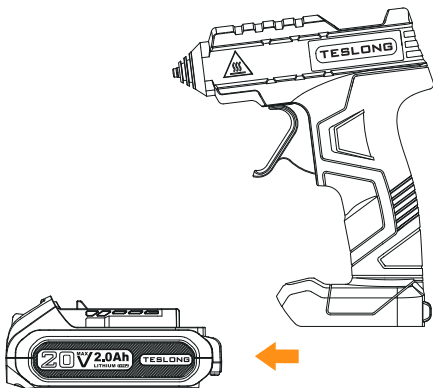


## Removing the Battery Pack

- Press the battery release button.



- Pull the battery pack out of the power unit.



**⚠ Warning**

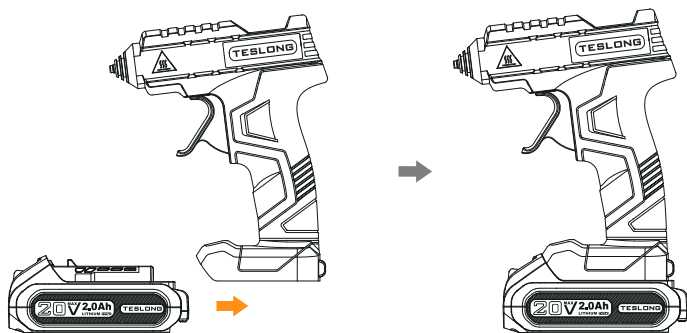
**Safety Precautions:** Ensure the lock-off button is engaged to prevent accidental switch activation before removing or installing the battery pack.

## SPECIFICATIONS

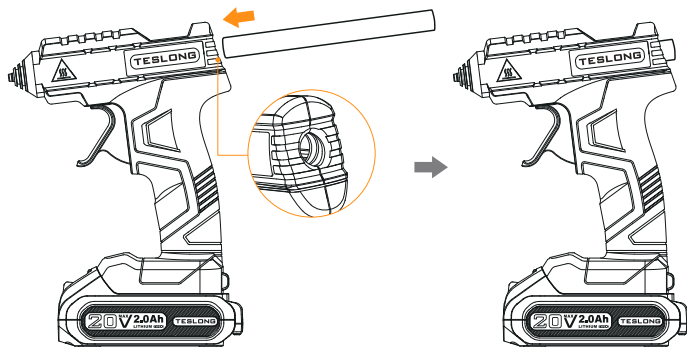
Specification	Details
Power Type	Cordless
Battery Voltage	20 V max
Battery Capacity	2.0 Ah
Type-C Power	45 W PD fast charging (input/output)
Heating Time	20 seconds
Product Dimensions	155×60×190 mm (6.10×2.36×7.48 in) excluding battery
Product Weight	300 g (10.58 oz) excluding battery
Glue Stick Diameter	11 mm (0.43 in)
Nozzle Diameter	2 mm (0.08 in)

# HOW TO USE

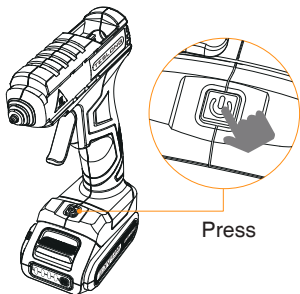
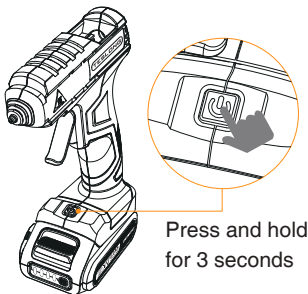
**1. Insert Battery:** Insert the battery pack into the base of the glue gun.



**2. Insert Glue Stick:** Insert an 11 mm diameter glue stick into the back of the glue gun through the glue inlet (feeder tube).



**3. Power On:** Press and hold the power button for 3 seconds to turn on the device.

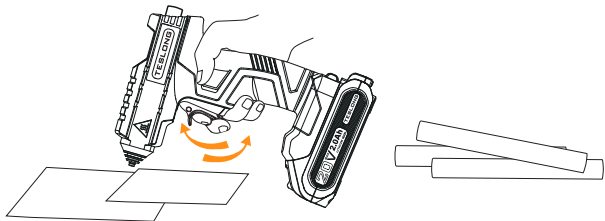


- When the product is off, press and hold the power button for 3 seconds to turn device on.
- When the product is on, press the power button to turn device off.

**⚠ Note:** The product will automatically shut down if there is no activity for 300 seconds.

**Allow the glue gun to preheat for approximately 20 seconds.**

**4. Allow Heating to Complete:** Allow glue gun to heat to maximum temperature for approximately 30s. Then squeeze the trigger to apply glue.



- Squeeze the trigger repeatedly to dispense more glue.
- Add additional glue sticks as needed to continue dispensing.

**⚠ Note:**

- Do not pull glue sticks directly out of the glue gun. If you need to replace a glue stick, feed the remaining stick through the inlet (feeder tube).
- Before inserting a new glue stick, hold the end of the stick with your hand to push it in.
- The glue gun gets hot during operation. Do not touch the nozzle or melted glue until it has cooled and solidified.

**■ Applicable Materials & Application Scenarios**

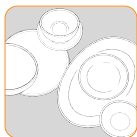
• **Materials**



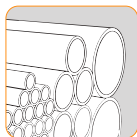
Leather



Plastic



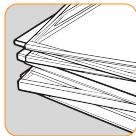
Ceramic



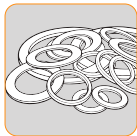
Metal



Stone

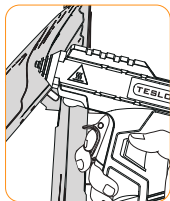


Glass

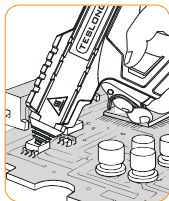


Rubber

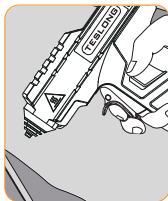
• **Applications**



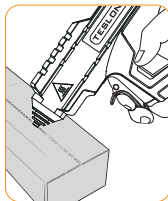
Wood



Circuit Board



Fabric










Carton

## TROUBLESHOOTING GUIDE

<b>Problem</b>	<b>Possible Cause</b>	<b>Possible Solution</b>
Glue Gun Does Not Heat	Not plugged in or power issue	Check the power connection and switch. Ensure the outlet is working
Glue Not Flowing	Glue stick is jammed or too short	Remove stuck glue stick and insert a new one.
Glue Flows too Slowly	Glue gun is not fully heated	Wait until glue gun reaches maximum temperature (~30 sec)
Glue Drips Continuously	Trigger stuck or glue gun overheated	Release the trigger, unplug the glue gun, and allow it to cool
Nozzle Gets Clogged	Old, contaminated, or low-quality glue stick	After the glue gun has cooled, carefully clean the nozzle using a non-metal tool
Gun Overheats	Used over the recommended time	Allow the glue gun to rest and cool for 5-10 minutes
Power Indicator Light Not on	Faulty connection or broken LED light	Check the power cord and connections. Contact customer support if the issue persists

## SYMBOLS

The label on your tool may include the following symbols. The symbols and their definitions are as follows:

	Read the instruction manual to reduce the risk of injury
	Indicates a potential injury or hazard
	Lithium-ion battery, battery must be recycled
	Always wear eye protection with side shields marked to comply with ANSI Z87.1, and use appropriate respiratory protection
	Do not burn
	Hot surface/Heating area
V	Volts
A	Amperes
Hz	Hertz
W	Watts
	Direct current
$n_0$	No load speed

# REGULATORY INFORMATION

## **FCC Information**

Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **FCC Compliance**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy. If it is not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception—determined by turning the equipment off and on—the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from the one the receiver is connected to.
- Consult the dealer or an experienced radio/TV technician for assistance.

## **FCC Conditions**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.



## Customer Service

Please contact us if you have any questions,  
we would love to hear from you.



To review your warranty coverage  
please visit [www.teslong.com/warranty](http://www.teslong.com/warranty)



Lifetime Technical Support



[support@teslong.com](mailto:support@teslong.com)



1-877-899-8809 (US)  
(Mon-Fri, 8:00 AM-5:00 PM PST)



[www.teslong.com](http://www.teslong.com)



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## 说明书技术要求:

- 1、材质:哑粉纸105g, 骑马钉24P
- 2、尺寸:成品尺寸105x140mm
- 3、油墨干净, 文字内容清晰无缺漏
- 4、四色印刷