

# TOLSEN MP20<sup>V</sup>

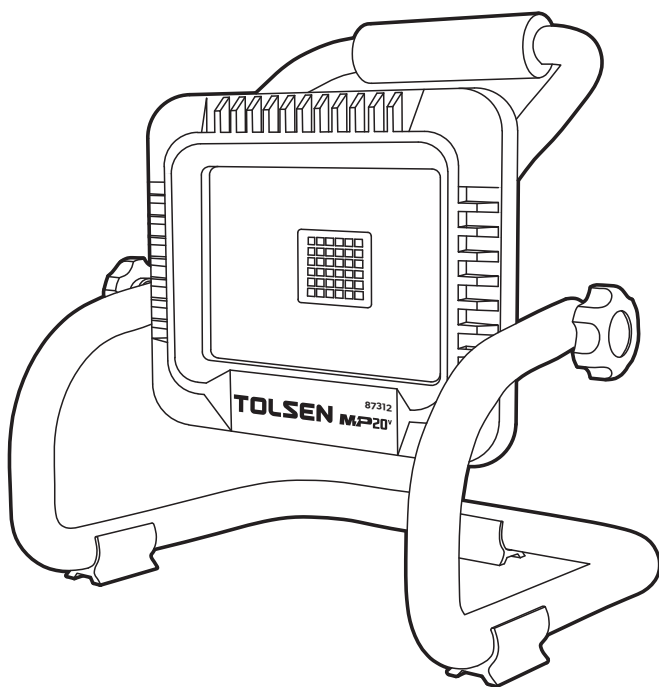
**87312**

**LI-ION FLOOD LIGHT**

**INSTRUCTION MANUAL**

**20V LITHIUM-ION**

**CE RoHS**



**SAVE THIS MANUAL !**

You will need this manual for safety instructions, operating procedures and warranty.  
Put it and the original sales receipt in a safe dry place for future reference.

## IMPORTANT SAFETY INFORMATION

### Personal Safety

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1. Do not look directly at the light source or direct the light at your eyes.
2. The product should not be positioned whereby it can be stared into for a prolonged period at a distance of less than 2.9m.
3. Never operate the product if it is damaged.

### Electrical safety

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1. Only use batteries and chargers supplied by TOLSEN.
2. Never modify the charger in any way.
3. The charger has been designed for a specific voltage. Always check that the mains voltage is the same as that stated on the rating plate.
4. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack; never use the charger with another appliance or attempt to charge this product with another charger.
5. A damaged or entangled charger cord increases the risk of fire and electric shock.
6. Do not abuse the charger cord.
7. Never carry the charger by the cord.
8. Do not pull the cord to disconnect from a socket; grasp the plug and pull to disconnect.
9. Don't wrap the cord around the charger to store.
10. Keep the charger cord away from hot surfaces and sharp edges.
11. The supply cord cannot be replaced. If the cord is damaged the charger should be discarded and replaced.
12. Avoid body contact with earthed or grounded surfaces, such as pipes. There is an increased risk of electric shock if your body is earthed or grounded.
13. Do not handle the charger or product with wet hands.
14. Do not let children use or charge the product.
15. Ensure users have an understanding of how to use, maintain and charge the product.
16. Only charge the battery pack indoor.
17. Before charging check the power supply and charger cables for signs of damage or ageing.

## Battery safety

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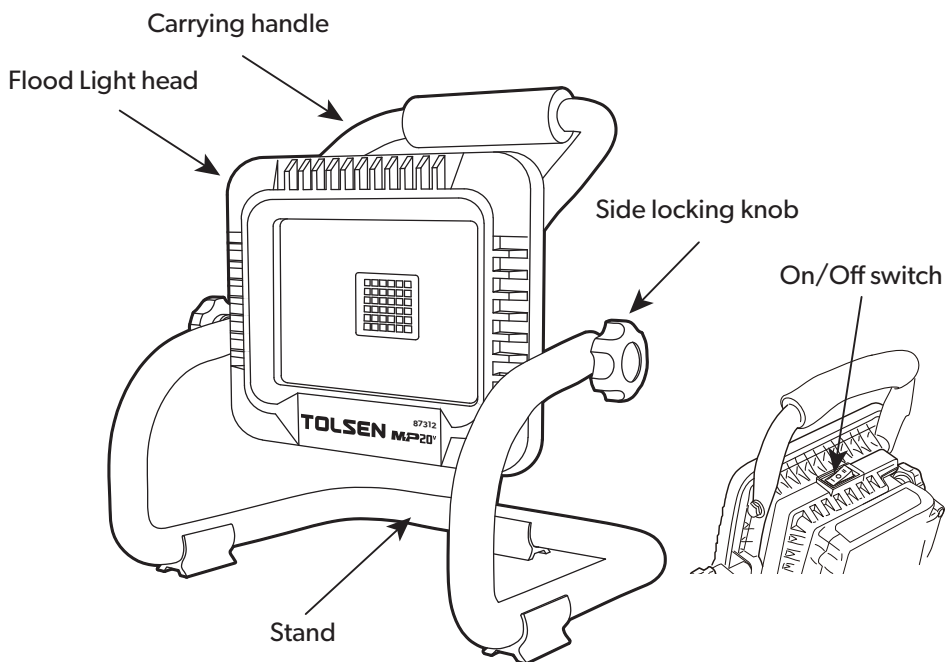
1. Liquid ejected from the battery may cause irritation or burns. Do not touch any liquid that leaks from the battery. If the liquid gets on your skin wash immediately with soap and water. If the liquid gets into your eyes, flush them immediately with cold water for a minimum of 10 minutes and seek urgent medical attention.
2. In an emergency situation contact professional help immediately.
3. Wear gloves to handle the battery and dispose of immediately in accordance with local regulations.
4. Shorting the battery terminals may cause burns or fire.
5. When the battery pack is not in use, keep it away from paper clips, coins, keys, nails, screws or other small metal objects that could make a connection from one terminal to another.
6. When you dispose of the appliance remove the battery and dispose of the battery safely in accordance with local regulations.
7. Batteries must be recycled or disposed of properly. Do not dispose of batteries with regular waste, municipal waste stream or burn, as batteries may leak or explode. Do not open, short circuit or mutilate batteries as injury may occur.
8. Do not use the appliance if any part is damaged or defective.
9. Do not attempt to use the charger with any other product or to charge this product with any other charger.
10. This product uses Li-Ion batteries. Do not incinerate batteries or expose to high temperatures, as they may explode.
11. Do not charge the battery when the surrounding air temperature or the battery pack is below 5°C or above 40°C.
12. After prolonged use or in high temperatures the battery may become warm. Allow the product to cool for 30 minutes before charging.
13. Use only with recommended TOLSEN battery.
14. Do not store the battery outside for prolonged periods of time, especially over the winter months.

## SPECIFICATIONS

Rated Voltage	20VDC
LED power	20W
Number of LEDs	36
Lumens	2000Lm / 900Lm
CCT	6500K (Daylight)



## FUNCTIONS



## OPERATING INSTRUCTIONS

### ADJUSTING THE FLOOD LIGHT DIRECTION (Fig. 1)

The flood light head can be 360° rotating base with pivoting head.

To adjust the direction of the light beam, rotate the flood light head to the desired position.

### SWITCH (Fig. 2)

This tool is equipped with an On/Off switch with 3 positions (I, II & O) located on the back side of the tool. The flood light provides two levels of brightness. When the On/Off switch is set in position "I" the flood light provides 2000lm(Lumen), when set in position "II" it provides 900lm(Lumen).

In position "O", it's switched off.

### INSTALLING AND REMOVING BATTERY PACK (Fig. 3)

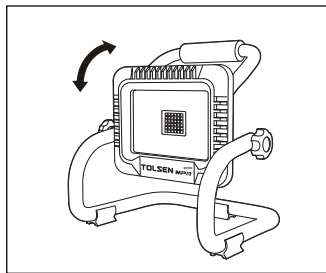
To install battery pack, set the On/Off switch in "O" position. Align the body with the groove in the battery pack and push in the direction of the arrow until the battery pack is secured on the tool.

To remove the battery pack from the tool, push the lock button on and remove the battery pack in the direction of the arrow.

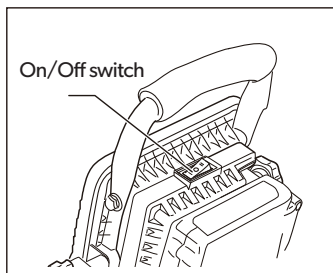
Always remove battery pack from your tool when you are assembling parts, making adjustments, cleaning, or when not in use.

### WARNING!

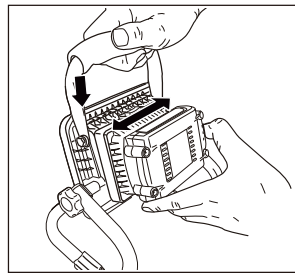
- Do not stare directly at the light beam.
- Never aim the beam at any person or an object other than the work piece.
- Do not deliberately aim the beam at personnel and ensure that it is not directed towards the eye of a person for longer than 0.25s.



(Fig. 1)



(Fig. 2)



(Fig. 3)

## MAINTENANCE

Your product requires very little care and maintenance. Simply clean the lens regularly with a nonabrasive cleaner, we recommend the flood light to be completely discharged every one month and fully recharged again. Only store with a fully charged battery and top-up the charge from time to time if stored for a long time (we recommend the flood light to be completely discharged every three month and fully recharged again). Store in a dry and frost-free place, the ambient temperature should not exceed 40°C.

## TROUBLESHOOTING

problem	Likely Solutions
The product isn't working	The battery may have cut out due to excessive use to prevent overheating. Allow the product to cool down before reusing.
The battery heats up during use	This is normal. Allow the battery to cool down regularly to prevent damage of the battery.
The battery and charger heat up during charging	This is normal. It is advisable to remove the battery from the charger once it is fully charged.

# CE DECLARATION OF CONFORMITY

WE  
SUZHOU TOLSEN TOOLS CO.,LTD.  
198 HUASHAN ROAD, ZHANGJIAGANG,  
JIANGSU, CHINA

Declare that the product  
87312  
LI-ION FLOOD LIGHT

Complies with the essential health and safety requirements of the following Directices:  
council directive 2006/42/EC

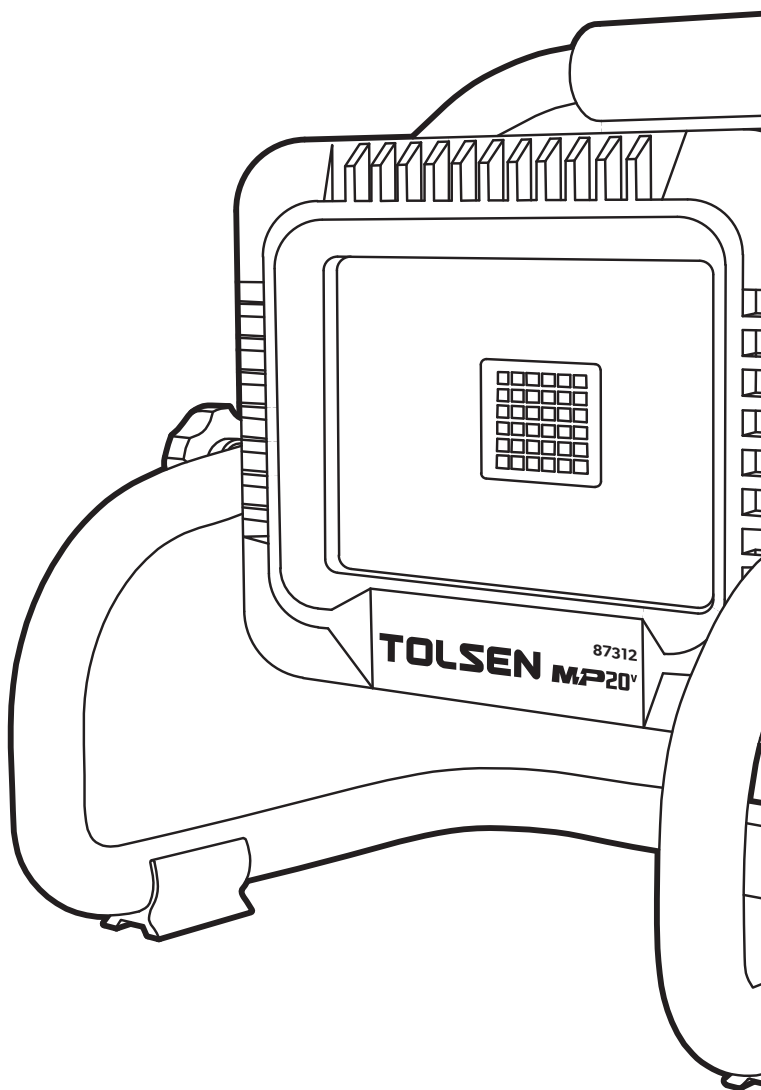
Standards and technical specifications referred to:  
EN IEC 55015:2019+A11:2020  
EN 61547:2009

Authorised Signatory and technical file holder

Signed for and on behalf of:  
SUZHOU TOLSEN TOOLS CO.,LTD.  
198 HUASHAN ROAD, ZHANGJIAGANG,  
JIANGSU, CHINA  
WANG QING  
Group Quality Director  
on:07/02/2022







SUZHOU TOLSEN  
TOOLS CO.,LTD.

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MADE IN CHINA



SCAN TO VISIT  
PRODUCT LINK