

# TOLSEN MP20<sup>V</sup>

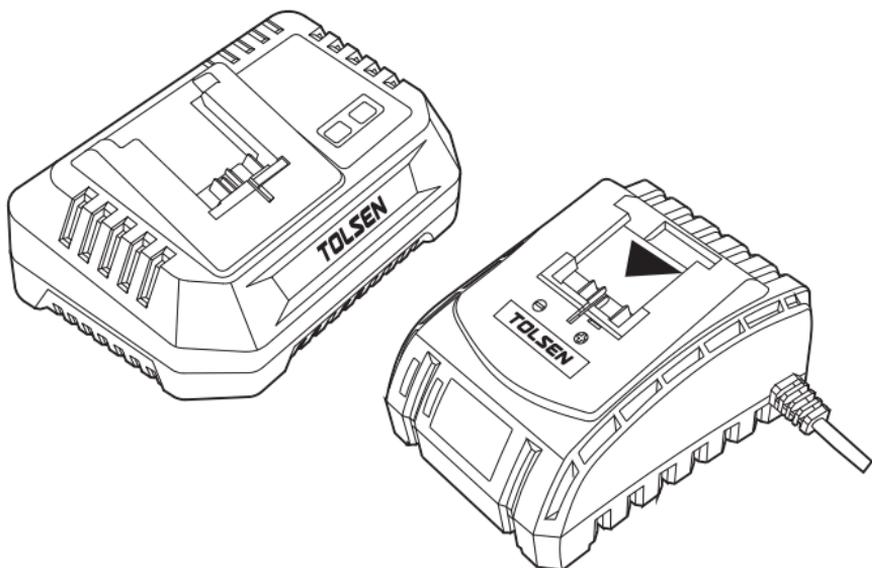
**87485/87486**

**FAST CHARGER**

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

#### WARNING

This charger can only be used to charge the batteries which has TOLSEN MP20V symbol. If it is used to charge other kinds of batteries, there is a risk of explosion.

**DO NOT attempt to recharge non-rechargeable batteries.**

1. This is class 2 power supply. It is suitable for indoor use only.
2. Before use, the input and output technical data must be checked to secure correct use.
3. Do not use the Battery Charger in the circumstances that the output polarity does not match the load polarity.
4. Do not attempt to use the charger with any batteries other than those supplied. Keep your battery charger clean; foreign objects or dirt may cause a short or block air vents. Failure to follow these instructions may cause overheating or fire
5. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

### SPECIFICATIONS

Item No.	87485	87486
Input	100-240VAC 50/60Hz Max. 60W	220-240VAC 50/60Hz 110W
Output	21VDC 2.0A	20VDC 4.0A

**CAUTION:** RISK OF ELECTRIC SHOCK, DRY LOCATION USE ONLY , FOR INDOOR USE ONLY

### OPERATING INSTRUCTIONS

#### Setting up the battery charger

1. If there is battery fitted, remove any battery from battery charger first.
2. Insert the Battery Charger mains plug into a suitable mains socket.

**Note:** The Green LED on the Charger will always bright to indicate that the charger is ready to charge the battery.

#### Charging the battery

##### WARNING

Failure to follow the correct procedure when charging batteries will result in permanent damage.

1. Slide a fully or partially discharged Battery on to the Battery Charger.
- Note:** Make sure the Battery and Battery Charger are lined up correctly. If the Battery does not slide on to the Battery Charger easily, don't force it. Instead, remove the Battery, check the top of Battery and the Battery Charger slot are clean and undamaged and that the contacts are not bent.
2. Once charging commences, the Red LED will on.
3. When the Battery is fully charged, the Red LED will off and Green LED will on.

##### **Note:**

1. The battery should be charged at ambient temperatures between 5 and 40°C (ideally around 20°C) , After charging, allow 15 minutes for the battery to cool before use.
2. The Battery Charger monitors battery temperature and voltage while charging. **DO NOT** leave batteries on charge for extended periods and **NEVER** store batteries on charge. Ensure that the charger is disconnected from the mains supply after use.

# CE DECLARATION OF CONFORMITY

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

Declare that the product  
87485/87486  
FAST CHARGER

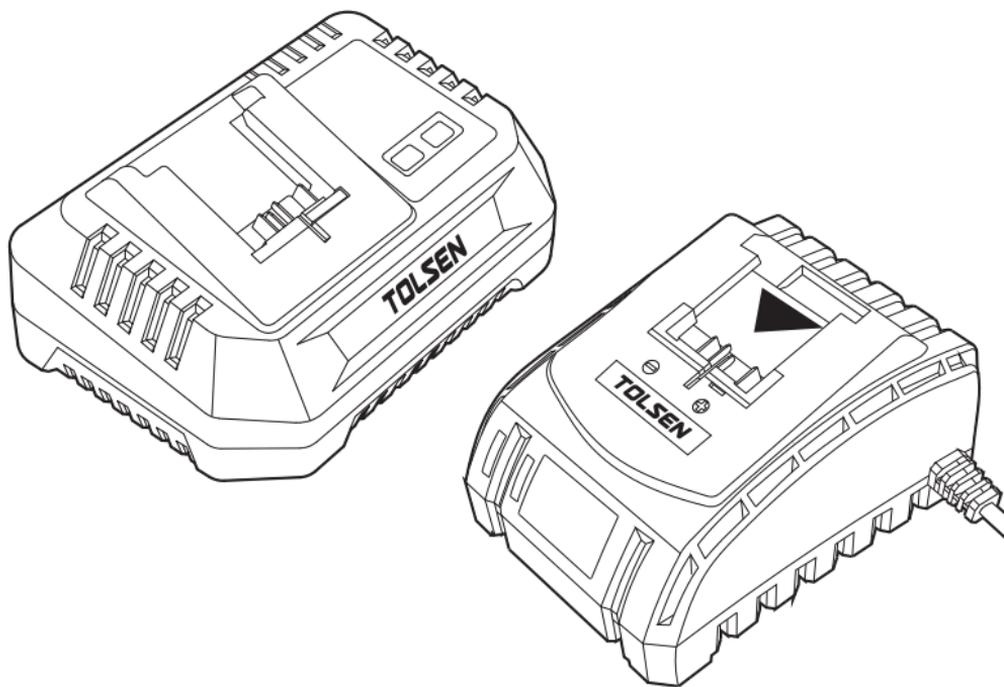
Complies with the essential health and safety requirements of the following Directices:  
council directive 2006/42/EC

Standards and technical specifications referred to:  
EN 60335-2-29:2004/A11:2018  
EN 60335-1:2012/A2:2019  
EN 62233:2008

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.**

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

TOLSEN is a trademark or  
registered trademark of TOLSEN  
TOOLS. All rights reserved.  
MADE IN CHINA



SCAN TO VISIT  
PRODUCT LINK  
87485



SCAN TO VISIT  
PRODUCT LINK  
87486