

# AEG

**A58BAT14U**  
**A58BAT18U**

Original instructions

## Important!

It is essential that you read the instructions in this manual before assembling, operating, and maintaining the product.

Subject to technical modifications.



TECHNICAL DATA	BATTERY PACK	A58BAT14U	A58BAT18U
Voltage.....		58 V d.c.	58 V d.c.
Battery capacity.....		4 Ah	8 Ah
Charger input.....		220-240 V, 50 Hz AC only	220-240 V, 50 Hz AC only
Maximum charging time.....		55 mins.	110 mins
Quick recharge.....		30 mins.	60 mins



Compatible chargers.....ABC58S, ABC58FX, A58CHR4P

## SAFETY INSTRUCTIONS

Always mention the model number when communicating with AEG in regards to battery packs. The A58BAT14U and A58BAT18U battery packs are for AEG 58V cordless products only. Refer to the operator's manual provided with the product.

### **WARNING! Read all safety warnings, instructions, illustrations and specifications provided with the product.**

Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

#### **Save all warnings and instructions for future reference.**

Battery tools do not have to be plugged into an electrical outlet. Therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories. Follow this rule to reduce the risk of electric shock, fire, or serious personal injury.

Do not place battery tools or their batteries near fire or heat. Follow this rule to reduce the risk of serious personal injury.

Do not crush, drop, or damage the battery pack. Do not use a battery pack or charger that has been dropped or has received a sharp blow. Properly dispose of a dropped or damaged battery immediately.

Do not charge a battery tool in a damp or wet location. Follow this rule to reduce the risk of electric shock.

Charge a battery tool in a location where the temperature is more than 10 °C but less than 38 °C. To reduce the risk of serious personal injury, do not store the battery tool outside or in vehicles.

Under extreme usage or temperature conditions, battery leakage may occur. If the liquid comes in contact with the skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Follow this rule to reduce the risk of serious personal injury.

Save these instructions. Refer to them frequently and use them to instruct others who may use the product. If you loan someone the product, loan them these instructions also to prevent misuse of the product and possible injury.

## BATTERY TOOL USE AND CARE

Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

Use battery tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

When the battery pack is not in use, keep it away from other metal

objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.


Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

## SERVICE

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorised service centres.

## ADDITIONAL BATTERY SAFETY WARNINGS

 **WARNING!** To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse the tool, battery pack, or charger in fluid or allow fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc., can cause a short circuit. Do not store battery packs in high condensation areas.

## TRANSPORTING LITHIUM BATTERIES

Transport the battery in accordance with local and national provisions and regulations.

Follow all special requirements on packaging and labelling when transporting batteries by a third party. Ensure that no batteries can come in contact with other batteries or conductive materials while in transport by protecting exposed connectors with insulating, nonconductive caps or tape. Do not transport batteries that are cracked or leaking. Check with the forwarding company for further advice.

## BATTERY PACK FEATURES



## FUEL GAUGE

See page 6.

To display the amount of charge left in the battery pack, press the charge level indicator button. The LEDs turn on for 5 seconds to indicate the charge capacity.

### CHARGE LEVEL INDICATOR BUTTON



### CHARGE LEVEL INDICATOR



- If four LEDs turn yellow, the battery pack is fully charged. The battery pack capacity is between 85%-100%.
- If three LEDs turn yellow and one is off, the battery pack capacity is between 60%-85%.
- If two LEDs turn yellow and the other two are off, the battery pack capacity is between 35%-60%.
- If only one LED turns yellow and others are off, the battery pack capacity is lower than 35%. In this case, the battery pack can be used as usual until automatically turned off by the control program.
- If only one LED flashes yellow and others are off, the battery pack capacity is less than 10%. The under-voltage protection is activated.

## BATTERY PROTECTION

See page 7.

AEG 58V lithium-ion batteries are designed with features that protect the lithium-ion cells and maximise battery life. If the tool stops during use, the following may be the causes:

- Over-current protection is active. The maximum draw of the battery pack has been exceeded, causing it to automatically stop powering the product.
- Over-temperature protection is active. Excessive temperatures caused the battery pack to stop powering the product. If the tool still does not work, the battery pack may not be sufficiently charged. Recharge the battery pack. To determine if a battery pack protection feature is active, press the charge level indicator button:
- If the second and third LEDs are flashing, the over-current protection is active. Remove the battery pack to reduce the current.
- If the first and last LEDs are flashing, the over-temperature protection is active. Remove the battery pack and allow it to cool down.

## CHARGING THE BATTERY PACK

Battery packs are shipped in a low charge condition. Charge them until the green LED on the front of the charger turns on.

If the charger does not charge the battery pack under normal circumstances, contact an authorised service centre for related advice. Remove the battery pack when charging is complete.

## TO CHARGE

- Use a battery pack only with the recommended charger.
- Connect the charger to the power supply. Make sure that the power supply is the normal household voltage, 220-240 V AC only, 50 Hz.
- Make sure that the latch of the battery pack clicks into place and the battery pack is secured in the charger before beginning operation.
- Slide the battery pack along the groove of the charger.
- Press down on the battery pack to ensure that the contacts on the battery pack engage properly with the contacts in the charger.
- Do not place the charger and battery pack in an area of extreme heat or cold. They work best at normal room temperature.

**NOTE:** The charger and battery pack should be placed in a location where the temperature is more than 10 °C but less than 38 °C.

- The battery pack becomes slightly warm to the touch while charging. This is normal and does not indicate a problem.
- After charging is complete, the charger green LED remains on until either the battery pack has been removed from the charger or the charger has been removed from the power supply.
- After charging is complete, the battery pack LED indicator remains on for 1 min then turns off. But if the battery pack has been removed from the power supply, the battery pack LED indicator turns off. When batteries become fully charged, unplug the charger from the power supply and remove the battery pack.
- Press the latch of the battery pack to remove the battery pack from the charger.

## CHARGING A HOT BATTERY PACK

If the battery pack is above the normal temperature range, the charger red LED flashes and the green LED turns off. When the battery pack cools down to approximately 45 °C, the charger automatically begins fast charge mode.

## CHARGING A COOL BATTERY PACK

If the battery pack temperature is below 3 °C, the charger red LED flashes and the green LED turns off. When the battery warms to a temperature of more than 5 °C, the charger automatically begins charge mode.

## COLD WEATHER OPERATION

The lithium-ion battery pack can be used in temperatures down to -20 °C. Put the battery pack on a tool and use the tool in a light duty application. After about a minute, the pack will have warmed up and will begin operating normally.

## MAINTENANCE AND STORAGE

AEG battery packs have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. Do not disassemble the battery pack and attempt to replace the battery cells. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, follow these storage instructions:

- Remove the battery pack from the charger once it is fully charged and ready for use.
- For battery pack storage longer than 30 days:
  - Store the battery pack where the temperature is below 38 °C and away from moisture.
  - Store battery packs in a 30%-50% charged condition.
  - Every six months of storage, run the battery pack with a tool until cut off by the battery pack's program control. Then, charge the battery pack as normal.

#### BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

To preserve natural resources, please recycle or dispose of batteries properly.

This product contains lithium-ion batteries. Local regulations may prohibit disposal of lithium-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling or disposal options.

**WARNING!** Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble the battery pack or remove any of its components. Lithium-ion batteries must be recycled or disposed of properly. Never touch both terminals with metal objects or body parts as short circuit may result. Keep battery packs away from children. Failure to comply with these warnings could result in fire and/or serious injury.

#### SYMBOLS ON THE PRODUCT



Read and understand all instructions before operating the product. Follow all warnings and safety instructions.



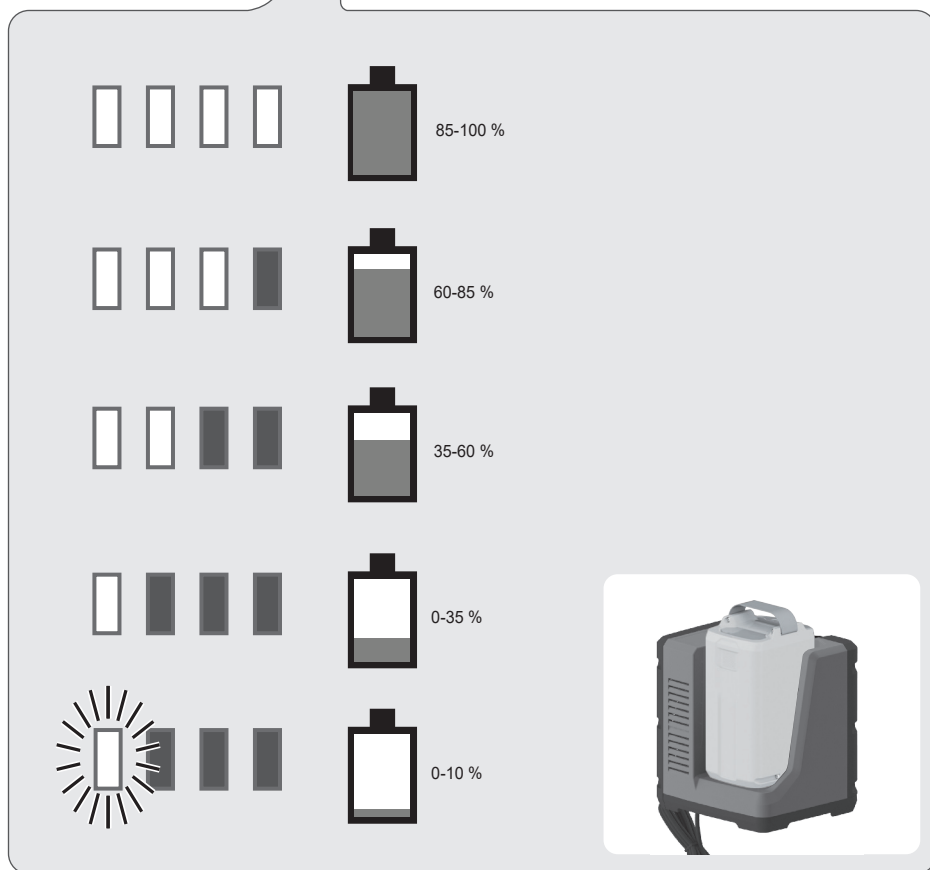
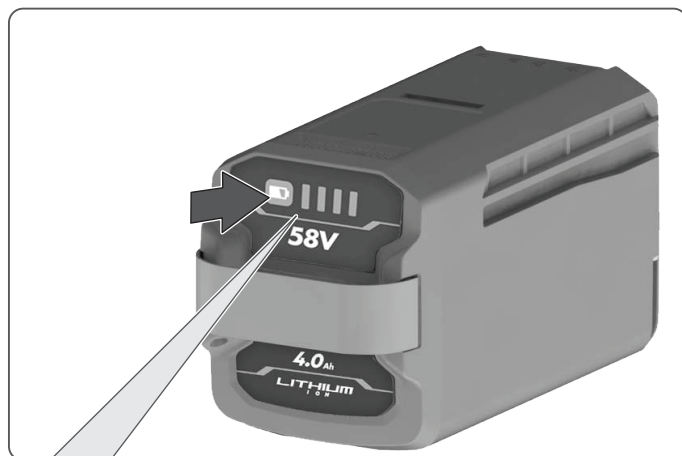
Regulatory Compliance Mark (RCM). The product meets applicable regulatory requirements.

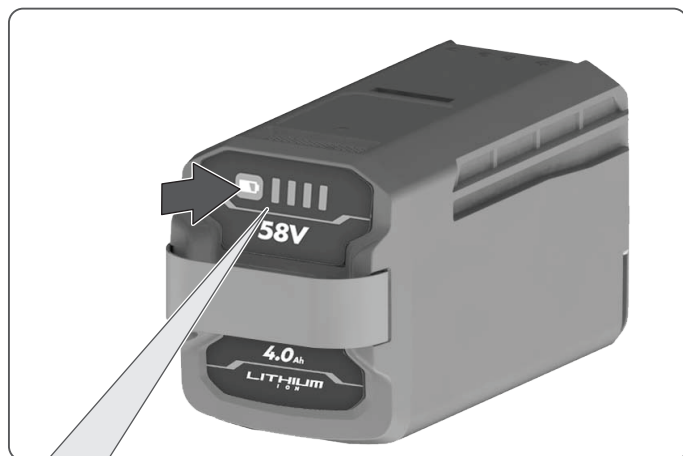


Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

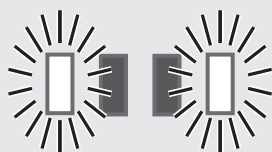


Recycle lithium-ion batteries





Over-current protection



Over-temperature protection



# AEG

[www.aegpowertools.com.au](http://www.aegpowertools.com.au)  
[www.aegpowertools.co.nz](http://www.aegpowertools.co.nz)

**Techtronic Industries Australia Pty Ltd**

31 Gilby Road, Mount Waverley,  
VIC, 3149, Australia

**Techtronic Industries N.Z. Limited**

Unit C, 70 Business Parade South,  
Highbrook, Auckland 2013, New Zealand

961097020-02

*AEG is a registered trademark used under  
license from AB Electrolux (publ).*