









Instructions for Li-ion battery packs

1 Symbols

Symbol	Significance
	Warning of general danger
	Read operating instructions and safety notices!
	Do not dispose of as domestic waste.

Symbol	Significance
	Recycling symbol – recyclable material
	Only use and store the battery at temperatures of between -10 °C and +50 °C.
	Keep away from heat and open flames – never throw into a fire – risk of explosion.
	Keep away from water – do not immerse in liquids.

Symbol	Significance
	RBRC Seal - Lilon

2 Safety information for Li-ion battery packs



Warning! Read and observe all information and safety instructions. Failure to observe the

safety guidelines and instructions may lead to electric shocks, fires and/or serious injuries.

Keep all safety information and other instructions in a safe place for future reference.

Instructions for Li-ion battery packs GB
Cells in lithium-ion battery packs are sealed so as to be gas-tight and are non-hazardous provided they are used and handled in accordance with the manufacturer's instructions.

- **Handle discharged batteries with care. Battery packs represent a safety hazard as they can cause a very high short circuit current.** Even if Li-ion battery packs appear to be discharged, they are in fact never fully discharged.
- **Make sure that the battery pack is not subjected to physical blows or impacts. Impacts and penetrating objects may damage the batteries.** This may lead to leakages, the generation of heat or smoke, or cause the battery

pack to ignite or explode.

- **Keep the unused battery pack away from paper clips, coins, keys, nails, screws and other small metal objects which could bridge the contacts.** A short circuit between the battery contacts poses a risk of burns or fire
- **Protect the battery pack from excessive heat or constant heat sources such as sunlight or naked flames.** Fire and temperatures over 130 °C may cause explosions.
- **Do not open the battery pack. Opening or modifying the battery pack may damage the protective devices.** This may lead to the generation of heat or smoke, or cause the battery pack to

ignite or explode.

- **Do not immerse the battery pack in liquids such as (salt) water or drinks. Contact with liquids may damage the battery pack.** This may lead to the generation of heat or smoke, or cause the battery pack to ignite or explode. Do not continue using the battery pack. Consult an authorised Festool customer service agent.
- **Only charge the battery packs in chargers recommended by the manufacturer (see image).** There is a risk of fire when using a charger which is meant for a specific type of battery pack with a different battery pack.
- **Never use water to extinguish burning Li-ion battery packs; always use**

- **sand** or a fire blanket.
 - **There is a risk of vapours being released if the battery pack is damaged or not used correctly.** The vapours could irritate your airways. Seek fresh air and consult a doctor if you feel unwell.
 - **Only use the battery pack in conjunction with your Festool power tool.** This is the only way to ensure that the battery pack is protected against a dangerous overload. Using a different tool poses a fire hazard and may cause personal injury.
 - **Fluid may leak out of the battery pack if it is used incorrectly. Avoid contact with the fluid. Rinse with water any areas which accidentally come into**
- **contact with the fluid. If fluid gets into the eyes, also consult a doctor.** Leaking battery fluid can cause skin irritation or burns.
 - **Fluid may leak out of a faulty battery pack and contaminate neighbouring objects.** Check the parts affected. Clean them by soaking up the fluid using dry kitchen towel and then rinsing with plenty of water. Wear protective gloves to avoid contact with the fluid. Replace the parts if necessary.
 - **Do not use damaged or modified battery packs.** Battery packs which are damaged or which have been modified may exhibit unpredictable behaviour which could lead to fire, explosion or

injury.

- **Do not open, compress, overheat (above 80 °C) or burn the battery pack.** Failure to observe these precautions is a fire hazard and may result in burns. Observe the manufacturer's instructions.
- **Do not use damaged battery packs.**

3 Technical data

Battery pack	BP 18 Li
Frequency	2402–2480 Mhz
Equivalent Iso- tropically Radi- ated Power (EIRP)	< 10 dBm

Stop using a battery pack immediately if you notice anything unusual such as odour formation, the generation of heat, discolouration or deformation.

If you continue to use the battery pack, it may get hot, emit smoke, ignite or explode.

For further technical specifications see the rating plate on the battery pack.

4 Intended use

Battery packs are suitable for use with Festool cordless power tools and the specified Festool chargers (see image).

The battery pack is suitable for automatically switching the mobile dust extractor on and off.

5 Machine features

- [1-1] Capacity indicator button
- [1-2] Capacity display
- [1-3] Bluetooth indicator
- [1-4] Vent holes (only BP 18 Li ... ASI)
- [1-5] Buttons for releasing the battery pack

The specified illustrations* appear at the beginning of the operating instructions.

* Illustrations may deviate from the original.

6 Operation



CAUTION

- ▶ Risk of injury from the mobile dust extractor starting up unexpectedly
- ▶ Before performing any work with the mobile dust extractor, check which battery pack is connected to the mobile dust extractor.

6.1 Information for making optimal use of the battery pack

- ❗ The battery pack is delivered partially charged. To guarantee that the battery pack provides full power,

GB Instructions for Li-ion battery packs
charge it completely in the charger
before using it for the first time.

The battery pack can be charged at any
time without reducing the battery life. In-
terrupting the charging process does not
damage the battery pack.



**After the power tool has
switched off automatically, do
not press the on/off button.**

This could damage the battery
pack.

The battery pack is fitted with a
temperature sensor, which only permits
charging at temperatures of between 0 °C
and 50 °C. This ensures a longer battery
life.

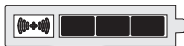
- The battery pack should ideally be
stored in a cool (5 °C to 25 °C) and dry

location (air humidity < 80%).

- Do not, for instance, leave the battery
pack in the car in the summer.
- Significantly shorter operating times
after each charge indicate that the
battery pack is worn and should be re-
placed with a new one.
- Observe the information regarding
disposal.

6.2 Capacity display

When the capacity indicator button [1-1]
is pressed, the capacity indicator [1-2]
displays the charge status of the battery
pack:



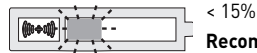
70 - 100%



40 - 70%



15 - 40%



< 15%

Recommendation: Charge battery pack before further use.

6.3 Bluetooth functions

The Bluetooth indicator [1-3], which indicates the connection status of the battery pack, is located next to the capacity indicator:



Continuous blue light

Cordless power tool starts up and the mobile dust extractor is connected via Bluetooth or the battery pack is connected to a mobile terminal



Pulsating blue light

The battery pack is ready for connection to the mobile terminal (e.g. for a software update)

- i** The battery pack uses Bluetooth to automatically switch correspondingly equipped mobile dust extractors when used with a cordless power tool.

Connecting the battery pack to the mobile dust extractor

- i** The mobile dust extractor can only be connected to one cordless power tool at any time.
- i** If a mobile dust extractor which was initially switched on using the battery pack is switched off using the remote control, the temporary connection between the connected battery pack and the mobile dust extractor will be lost. The battery pack can then be connected again.
- ▶ Activate the mobile dust extractor's automatic mode (see the operating instructions for the mobile dust extractor).

- ▶ Should you have used the cordless power tool already, ensure that the battery pack's capacity indicator has gone out so that you can connect it (in certain cases this can take a few seconds).
- ▶ Press the connection button on the mobile dust extractor or on the remote control once. <PosNumber/>

The LED on the retrofit receiver module slowly flashes blue and the mobile dust extractor is ready for connection for 60 seconds.

- ▶ Switch on the cordless power tool.

The mobile dust extractor starts up and the battery pack is connected until the mobile dust extractor is manually switched off.



Instructions for Li-ion battery packs GB
If a second battery pack is connected to the mobile dust extractor, the connection to the first battery pack is lost.

Switching the mobile dust extractor on and off

Once you have connected the battery pack with the mobile dust extractor, the mobile dust extractor will start up automatically when the cordless power tool is in use.



After the mobile dust extractor has been switched off via the battery pack, it will continue to run for up to fifteen seconds.

- ▶ Press the on/off switch of the cordless power tool to switch on the mobile dust extractor.

- ▶ Release the on/off switch of the cordless power tool to turn off the mobile dust extractor.

Disconnecting the battery pack from the mobile dust extractor

To disconnect the battery pack from the mobile dust extractor, take one of the following steps:

- Disconnect the mobile dust extractor
- Put the battery pack on the charger
- Connect another battery pack to the mobile dust extractor

Connecting a mobile terminal

The battery pack can be used in connection with a mobile terminal (e.g. for a software update with the Festool app).

- ▶ Press the capacity indicator button **[1-1]** until the Bluetooth indicator **[1-3]** flashes blue.

The battery pack is ready for connection for 60 seconds.

- ▶ Follow the instructions provided in the Festool app.

7 Service and maintenance

- ▶ Keep the connecting contacts on the battery pack clean.
- ▶ Do not cover the vents **[1-4]** on the battery pack as this could impair its function.
- ▶ If the battery pack stops working, consult an authorised Festool customer service agent.
(www.festool.com/service)

8 Transport

The Li-ion battery packs included are subject to the requirements of the legislation on the transport of hazardous goods. The Festool Li-ion battery packs satisfy the requirements specified in the UN manual ST/SG/AC.10/11/Rev.5 Part III, sub-section 38.3. The user can transport Festool battery packs by road to the equipment operating site without any additional requirements, provided they are protected against short-circuiting and slipping. For shipping by third parties (e.g. air transport or freight forwarding company) special requirements with regard to packaging and labelling must be observed. When preparing the item to be sent, you must consult an expert in hazardous goods regulations.

Please observe any further national regulations.

Only return the battery pack if the housing is undamaged. Tape over the exposed contacts and wrap the battery pack so that it cannot move inside the packaging.

9 Environment

Used or defective battery packs may only be returned to collection points if discharged and secured against short-circuiting (e.g. by insulating the terminals with adhesive tape). The applicable regulations must be observed.

Battery packs will then be recycled.

EU only: In accordance with the European Directive on batteries and implementation in national law, defective or used battery packs/batteries must be collected sepa-

GB Instructions for Li-ion battery packs
rately and handed in for environmentally
friendly recycling.

Information on REACH: www.festool.com/reach

"The Bluetooth®" word mark and logos
are registered trademarks owned by
Bluetooth SIG, Inc. and any use of such
marks by Festool GmbH is under license.

Information on data protection

The power tool contains a chip which au-
tomatically stores machine and operating
data. The data saved cannot be traced
back directly to an individual.

The data can be read using special (con-
tactless) devices and shall only be used by
Festool for fault diagnosis, repair and
warranty processing and for quality

improvement or enhancement of the
power tool. The data shall not be used in
any other way without the express
consent of the customer.

This device complies with part 15 of the
FCC Rules and Industry Canada
license-exempt RSS standard(s).

Operation is subject to the following
two conditions:

- (1) This device may not cause harmful
interference, and
- (2) this device must accept any
interference received, including
interference that may cause undesired
operation.

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