

English

Safety Notes



Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- ▶ **This glue gun and this charger are not intended for use by children and persons with physical, sensory or mental limitations or a lack of experience or knowledge.**

This glue gun and this charger can be used by children aged 8 or older and by persons who have physical, sensory or mental limitations or a lack of experience or knowledge if a person responsible for their safety supervises them or has instructed them in the safe operation of the glue gun and charger and they understand the associated dangers. Otherwise, there is a danger of operating errors and injuries.

- ▶ **Supervise children.** This will ensure that children do not play with the glue gun or the battery charger.
- ▶ **Cleaning and user maintenance of the glue gun or the battery charger shall not be made by children without supervision.**
- ▶ **Do not allow persons unfamiliar with the glue gun or these instructions to operate the device.**
- ▶ **Cleaning and user maintenance of the glue gun or the battery charger shall not be made by children without supervision.**
- ▶ **Before each use, check the glue gun, charger, cable and plug. If damage is detected, do not use the glue gun and the charger. Never open the glue gun or the charger yourself, and have repairs carried out only by a qualified repair person using only identical replacement parts.** Damaged glue guns, chargers, cables and plugs increase the risk of an electric shock.

- ▶ **Do not leave the switched on glue gun unattended.**



Protect the glue gun against heat, e.g., against continuous intense sunlight, fire, water, and moisture. Danger of explosion.

- ▶ **Do not touch the hot nozzle and the silicone cap.** Danger of burns.
- ▶ **Charge the glue gun only with chargers recommended by the manufacturer.** Otherwise there is danger of fire.
- ▶ **Keep the charge socket of the glue gun and the charge connector away from paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the terminals together may cause burns or a fire.
- ▶ **Have your glue gun and charger serviced only by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the product is maintained.
- ▶ **After use, place down the glue gun in a safe manner and allow it to cool down completely before packing it away.** The hot nozzle can cause damage and/or burns.
- ▶ **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 irritations or burns.

Safety Warnings for Battery Chargers



Keep the battery charger away from rain or moisture. Penetration of water in the battery charger increases the risk of an electric shock.

- ▶ **Only charge Bosch lithium-ion batteries or lithium-ion batteries installed in Bosch products. The battery voltage must match the battery charging voltage of the charger.** Otherwise there is danger of fire and explosion.
- ▶ **Keep the battery charger clean.** Contamination can lead to danger of an electric shock.
- ▶ **In case of damage and improper use of the battery, vapours may be emitted. Ventilate the area and seek medical help in case of complaints.** The vapours can irritate the respiratory system.

Products sold in GB only: Your product is fitted with a BS 1363/A approved electric plug with internal fuse (ASTA approved to BS 1362). If the plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place by an authorised customer service agent. The replacement plug should have the same fuse rating as the original plug. The severed plug must be disposed of to avoid a possible shock hazard and should never be inserted into a mains socket elsewhere.

10 | English

Product Description and Specifications

Intended Use

The glue gun is intended for solvent-free bonding of e. g., paper, cardboard, cork, wood, leather, textiles, foam, plastics, (except PE, PP, PTFE, Styropor® and soft PVC), ceramics, porcelain, metal, glass and stone.

Product Features

The numbering of the product features refers to the illustration of the glue gun on the graphics pages.

- 1 Nozzle
- 2 Silicone cap
- 3 Feed trigger
- 4 Glue stick*
- 5 Glue stick opening
- 6 Heating indicator
- 7 On/Off button
- 8 Battery charge-control indicator
- 9 Plug connector for charger
- 10 Socket for charge connector

*Accessories shown or described are not part of the standard delivery scope of the product. A complete overview of accessories can be found in our accessories program.

Technical Data

Cordless Glue Gun		PKP 3,6 LI
Article number		3 603 B64 6..
Heating time	s	approx. 15
Gluing temperature	°C	approx. 170
Glue stick, diameter	mm	∅ 7
Glue stick, length	mm	150
Weight according to EPTA-Procedure 01/2003	kg	0.3
Battery		Li-Ion
Rated voltage	V=	3.6
Capacity	Ah	1.5
Number of battery cells		1
Operating duration per battery charge (according to Bosch testing procedures)	min	approx. 30 (corresponds with approx. 6 glue sticks)

Battery Charger		
Article number		2 609 120 4..
Charging time	h	3.0 – 4.0
Output voltage	V=	5
Charging current	mA	500
Allowable charging temperature range	°C	+5 ... +40
Weight according to EPTA-Procedure 01/2003	kg	0.1
Protection class		□/II

1 609 92A 0PE | (18.6.14)

Assembly

Battery Charging (see figure A)

- **Observe the mains voltage!** The voltage of the power supply must correspond with the data given on the nameplate of the battery charger. Battery chargers marked with 230 V can also be operated with 220 V.

The battery is supplied partially charged.






To ensure full battery capacity, completely charge the battery (at least 2 – 3 hours) before using for the first time.

The glue gun cannot be used during the charging procedure; it is not defective, when it does not function during the charging procedure.

The lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not damage the battery.

The "Electronic Cell Protection (ECP)" protects the lithium ion battery against deep discharging. When the battery is discharged, the glue gun is switched off by a protective circuit: The glue is no longer heated.

Battery Charge Indicator

red		green	Meaning
–		–	The battery is being charged
–	–		The battery is fully charged
	–	–	The battery has less than 30% of its capacity and should be charged
	–	–	The battery is completely discharged

● Flashing ○ Continuous light

- Plug the mains plug of the battery charger into the socket outlet and the charger plug **9** into socket **10**.

Disconnect the battery charger from the mains supply when not using it for longer periods.

- **Protect the battery charger against moisture!**

Observe the notes for disposal.

Operation



Starting Operation

Switching On

To save energy, only switch the glue gun on when you are using it.

- To **start the operation**, press the On/Off button **7** until the heating indicator **6** lights up green.

Heating indicator

green	Meaning
	for approx. 15 s The glue is being heated
	The glue gun is ready for operation

● Flashing ○ Continuous light

Switching Off

- To **switch off**, press the On/Off button **7** until the heating indicator **6** goes out.

Automatic shut-off:

Note: When the glue gun is not used for more than 5 minutes, it automatically shuts off.

- Switch the glue gun on again and check the battery charge-control indicator **8**.
When the battery charge-control indicator briefly lights up red, the battery must be recharged.
- ▶ **After use, place down the glue gun in a safe manner and allow it to cool down completely before packing it away.** The hot nozzle can cause damage and/or burns.

Working Advice

- ▶ **Do not allow the hot glue or the nozzle tip to come into contact with persons or animals.** Glue and nozzle tip reach a temperature of approx. 170 °C; danger of burning. If hot glue comes into contact with the skin, hold the affected area immediately under a stream of cold water for several minutes. Do not try to remove the glue from the skin.

Use only glues recommended by the manufacturer of the glue gun (see page 3).

Bonded connections can loosen under the effect of moisture.

Preparations for Gluing

The surfaces to be glued must be clean, dry and free of grease.

The materials to be glued as well as the surface on which you are working may not be easily ignitable or inflammable. Check the suitability of heat-sensitive materials first on a test workpiece.

The ambient temperature and the workpieces to be glued may not be colder than +5 °C and warmer than +50 °C.

Materials, such as metal, which cool off the glue quickly, should be preheated with a hot air gun.

Gluing

- Insert the appropriate glue stick **4** for the material being glued via the opening at the rear of the glue gun.
- Switch the glue gun on and allow it to heat up (see “Switching On”, page 11).
The glue gun is ready for operation after approx. 15 seconds.
- Press the feed trigger **3** applying moderate pressure.
- Apply the glue only on one side (also see “Practical Advice”, page 11).
- After applying the glue, immediately press the surfaces to be glued together. Correcting the gluing location is still possible at this point.
The glued spot can be subjected to load after a cool-down period of approx. 2 minutes.

Practical Advice

Material/Workpiece	Recommendation
Large-surfaces, long workpieces	Apply the glue in the form of points
Flexible materials (e.g. textiles)	Apply the glue in lines

Remove glue residue after cooling with a blunt object. If required, glued spots can be separated again by applying heat.

- ▶ **Do not use inflammable solvents for cleaning the surfaces to be glued.** Solvent remainders can ignite from the hot glue, or hazardous vapours can develop.

Glue remainders on clothing cannot be removed.

Glued spots can be painted.

Troubleshooting – Causes and Corrective Measures

Problem	Cause	Corrective Measure
The glue stick is not transported.	Glue stick used up.	Insert a new glue stick.
	Glue stick diameter too large or small.	Use recommended original glue sticks.
	Glue stick too short.	Use recommended original glue sticks. Insert a new glue stick.
Glue stick falls out of glue gun.	Glue stick diameter too small.	Use recommended original glue sticks.

12 | English

Problem	Cause	Corrective Measure
Long after-run or dripping period after relieving the feed.	Melting temperature of glue stick too low.	Use recommended original glue sticks.
Glue gun dripping continuously without feed actuated.	Melting temperature of glue stick too low.	Use recommended original glue sticks.
Feed blocked through glue escaping toward the rear.	Glue stick diameter too small. <i>and/or</i> Melting temperature of glue stick too low.	Use recommended original glue sticks.
Glue does not flow uniformly.	Melting temperature of glue stick too low.	Wait for heating time of glue gun to elapse.
	Feed not uniform.	Actuate feed trigger slowly and uniformly.
Adhesive surface only bonds on one side.	Adhesive already partially cooled off before components have been joined.	Join workpieces quicker.
		Set gluing points or beads instead of applying glue over surface.
		Pre-heat adhesive surface with hot air blower.
Adhesive bond comes undone after cooling.	Adhesive surface greasy or too smooth.	Degrease adhesive surface or roughen slightly.
	Adhesive surface dusty.	Clean adhesive surface.
	Material of workpiece not suitable.	Adhesive not suitable. Use specialty adhesive.
Glued tiles in damp locations come undone.	Moisture creeps under bonding location.	Adhesive not suitable. Use specialty adhesive on cement basis.
Glued shoe soles come undone.	Moisture causes leather to swell and creeps under bonding location.	Adhesive not suitable. Use specialty adhesive.
Strands/strings of glue are pulled at the end of the gluing when removing the glue gun.	Feed still actuated when done applying the adhesive.	Discontinue feed slightly prior to ending the adhesive application.
	Nozzle not been wiped off.	At the end of the gluing before removing the glue gun/pen from the bonding location, wipe off nozzle against workpiece.
Workpiece melts.	Workpiece consists of material that melts at low temperature, e. g. foamed polystyrene.	Adhesive not suitable. Use specialty adhesive.
Burns on fingers from applying adhesive.	Adhesive penetrates through paper when applying.	Do not hold workpiece in hand. Apply adhesive with workpiece placed on heat-resistant silicone pad or base.
	Adhesive penetrates through fabric/tissue when applying.	Do not hold workpiece in hand. Apply adhesive with workpiece placed on heat-resistant silicone pad or base.
	Metal workpiece has heated up.	Do not hold workpiece in hand. Apply adhesive with workpiece placed on heat-resistant silicone pad or base. Clamp workpiece.

Maintenance and Service

Maintenance and Cleaning

- ▶ **Warning! Before any maintenance or cleaning, switch the glue gun off.**
- ▶ **For safe and proper working, always keep the glue gun clean.**

An inserted glue stick **4** cannot be removed out of the rear opening of the glue gun.

After excess glue has hardened, it can be removed with a blunt object. Do not use solvent for cleaning.

After-sales Service and Application Service

In all correspondence and spare parts orders, please always include the 10-digit article number given on the type plate of the glue gun or the charger.

Our after-sales service responds to your questions concerning maintenance and repair of your product as well as spare parts. Exploded views and information on spare parts can also be found under:

www.bosch-pt.com

Bosch's application service team will gladly answer questions concerning our products and their accessories.

Great Britain

Robert Bosch Ltd. (B.S.C.)
P.O. Box 98
Broadwater Park
North Orbital Road
Denham
Uxbridge
UB 9 5HJ

At www.bosch-pt.co.uk you can order spare parts or arrange the collection of a product in need of servicing or repair.

Tel. Service: (0844) 7360109

E-Mail: boschservicecentre@bosch.com

Ireland

Origo Ltd.
Unit 23 Magna Drive
Magna Business Park
City West
Dublin 24
Tel. Service: (01) 4666700
Fax: (01) 4666888

Australia, New Zealand and Pacific Islands

Robert Bosch Australia Pty. Ltd.
Power Tools
Locked Bag 66
Clayton South VIC 3169
Customer Contact Center
Inside Australia:
Phone: (01300) 307044
Fax: (01300) 307045
Inside New Zealand:
Phone: (0800) 543353
Fax: (0800) 428570
Outside AU and NZ:
Phone: +61 3 95415555
www.bosch.com.au

Republic of South Africa

Customer service

Hotline: (011) 6519600

Gauteng – BSC Service Centre

35 Roper Street, New Centre
Johannesburg
Tel.: (011) 4939375
Fax: (011) 4930126
E-Mail: bsctools@icon.co.za

KZN – BSC Service Centre

Unit E, Almar Centre
143 Crompton Street
Pinetown
Tel.: (031) 7012120
Fax: (031) 7012446
E-Mail: bsc.dur@za.bosch.com

Western Cape – BSC Service Centre

Democracy Way, Prosperity Park
Milnerton
Tel.: (021) 5512577
Fax: (021) 5513223
E-Mail: bsc@zsd.co.za

Bosch Headquarters

Midrand, Gauteng
Tel.: (011) 6519600
Fax: (011) 6519880
E-Mail: rbsa-hq.pts@za.bosch.com

Transport

The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements. The user can transport the batteries by road without further requirements.

When being transported by third parties (e. g.: air transport or forwarding agency), special requirements on packaging and labelling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required.

Dispatch batteries only when the housing is undamaged. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging. Please also observe possibly more detailed national regulations.

Disposal



The glue gun, charger, accessories and packaging should be sorted for environmental-friendly recycling.

Do not dispose of the glue gun, battery charger and batteries into household waste!

14 | Français

Only for EC countries:

According to the European Guideline 2012/19/EU, power tools that are no longer usable, and according to the European Guideline 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

Batteries no longer suitable for use can be directly returned at:

Great Britain

Robert Bosch Ltd. (B.S.C.)

P.O. Box 98

Broadwater Park

North Orbital Road

Denham

Uxbridge

UB 9 5HJ

At www.bosch-pt.co.uk you can order spare parts or arrange the collection of a product in need of servicing or repair.

Tel. Service: (0844) 7360109

E-Mail: boschservicecentre@bosch.com

Battery packs/batteries:

► **Integrated batteries may only be removed for disposal.**

Opening the housing shell can damage or destroy the glue gun.

Discharge the battery until the battery charge-control indicator **8** lights up **red**. Unscrew all screws from the housing and open the housing shell. Disconnect the battery connections and remove the battery.

**Li-ion:**

Please observe the instructions in section "Transport", page 13.

Subject to change without notice.

Français**Avertissements de sécurité**

Il est impératif de lire toutes les consignes de sécurité et toutes les instructions. Le non-respect des avertissements et instructions indiqués

ci-après peut conduire à une électrocution, un incendie et/ou de graves blessures.

► **Ce pistolet à colle et ce chargeur ne sont pas prévus pour être utilisés par des enfants ni par des personnes souffrant d'un handicap physique, sensoriel ou mental ou manquant d'expérience ou de connaissances.**

Ce pistolet à colle et ce chargeur peuvent être utilisés par les enfants (âgés d'au moins 8 ans) et par les personnes souffrant d'un handicap physique, sensoriel ou mental ou manquant d'expérience ou de connaissances, lorsque ceux-ci sont sous la surveillance d'une personne responsable de leur sécurité ou après avoir reçu des instructions sur la façon d'utiliser le pistolet à colle et le chargeur en toute sécurité et après avoir bien compris les dangers inhérents à leur utilisation. Sinon, il existe un risque de blessures et d'utilisation inappropriée.

► **Surveillez les enfants.** Veillez à ce que les enfants ne jouent pas avec le pistolet à colle et le chargeur.

► **Les enfants ne doivent pas nettoyer le pistolet à colle ou le chargeur ou effectuer des travaux d'entretien sans surveillance.**