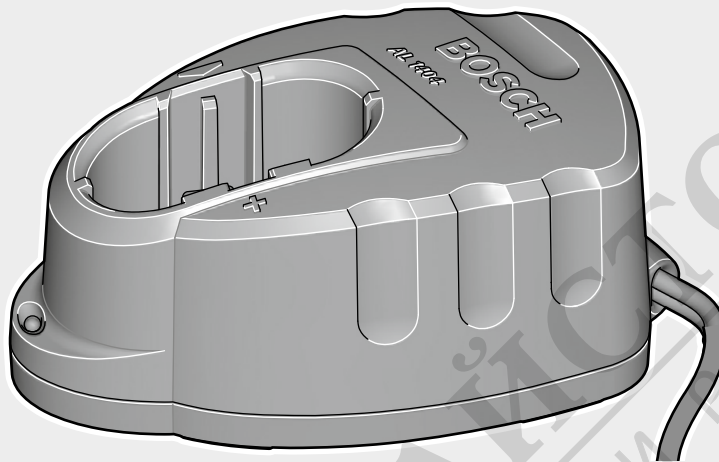


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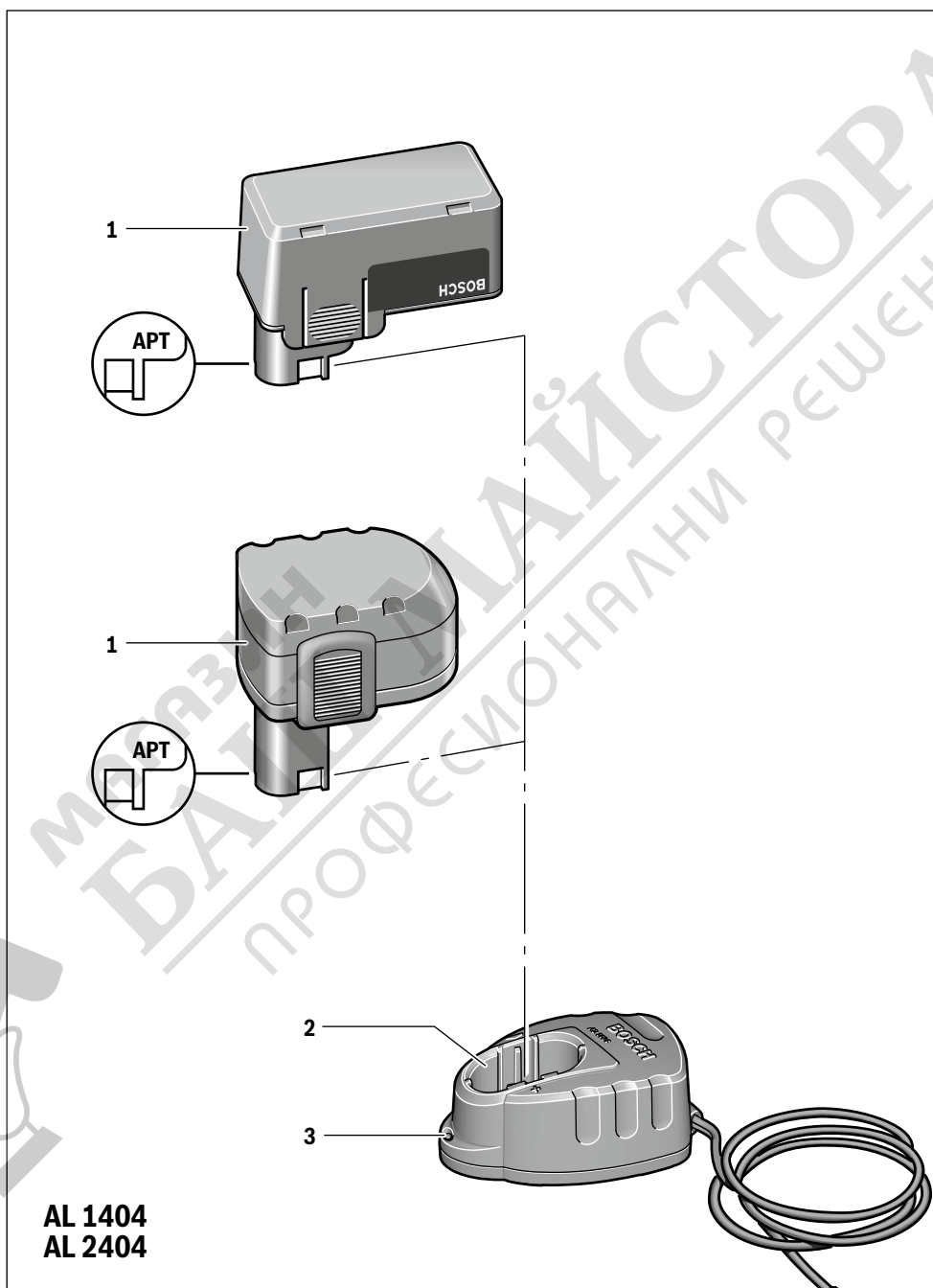


BOSCH

de Originalbetriebsanleitung
en Original instructions
fr Notice originale
es Manual original
pt Manual original
it Istruzioni originali
nl Oorspronkelijke
gebruiksaanwijzing
da Original brugsanvisning
sv Bruksanvisning i original
no Original driftsinstruks
fi Alkuperäiset ohjeet

el Πρωτότυπο οδηγιών χρήσης
tr Orijinal işletme talimatı
ar تعليمات التشغيل الأصلية
fa دفترچه راهنمای اصلی





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Österreich

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E-Mail: outillage.gereedschap@be.bosch.com

Entsorgung

Ladegeräte, Zubehör und Verpackungen sollen einer umweltgerechten Wiederverwertung zugeführt werden.

Werfen Sie Ladegeräte nicht in den Hausmüll!

Nur für EU-Länder:

Gemäß der Europäischen Richtlinie 2012/19/EU über Elektro- und Elektronik-Altgeräte und ihrer Umsetzung in nationales Recht müssen nicht mehr gebrauchsfähige Ladegeräte getrennt gesammelt und einer umweltgerechten Wiederverwertung zugeführt werden.

Änderungen vorbehalten.

English**Product Description and Specifications**

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

Save these instructions.

Use the battery charger only when you fully understand and can perform all functions without limitation, or have received appropriate instructions.

Safety Notes

- ▶ **This charger is not intended for use by children and persons with physical, sensory or mental limitations or a lack of experience or knowledge. 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 they have been supervised or instructed in the safe operation of the charger and 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 charger.
- ▶ **Cleaning and user maintenance of the battery charger shall not be made by children without supervision.**



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

- ▶ **Charge only Bosch NiCd/NiMH batteries. The battery voltage must match the battery charging voltage of the charger.** Otherwise there is a danger of fire and explosion.
- ▶ **Keep the battery charger clean.** Contamination can lead to danger of an electric shock.
- ▶ **Before each use, check the battery charger, cable and plug. If damage is detected, do not use the battery charger. Never open the battery charger yourself. Have repairs performed only by a qualified technician and only using original spare parts.** Damaged battery chargers, cables and plugs increase the risk of an electric shock.
- ▶ **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.
- ▶ **Do not cover off the ventilation slots of the battery charger.** Otherwise, the battery charger can overheat and no longer operate properly.

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.

Product Features

The numbering of the product features refers to the illustration of the battery charger on the graphics page.

1 Battery with contact APT*

2 Charging compartment

3 Battery charge indicator

*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

Battery Charger		AL 1404	AL 2404
Article number		2 607 225 0..	2 607 225 1..
Output voltage (automatic voltage detection)	V $\overline{\text{~}}$	7.2 – 14.4	7.2 – 24
Charging current	mA	400	400
Allowable charging temperature range	°C	0 – 45	0 – 45
Charging time for battery capacity, approx.			
– 1.2 Ah	h	3	3
– 1.5 Ah	h	4	4
– 2.0 Ah	h	5	5
Number of battery cells		6 – 12	6 – 20
Weight according to EPTA-Procedure 01:2014	kg	0.44	0.71
Protection class		□ / II	□ / II

Please observe the article number on the type plate of your battery charger. The trade names of individual battery chargers may vary.

Operation

Starting Operation

► **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.

Charging Procedure

The charging procedure starts as soon as the mains plug of the battery charger is plugged into the socket outlet and the battery **1** is inserted into the charging compartment **2**.

The battery charge indicator **3** is not a charge-control indicator. The lit indicator signals the flow of charging current.

The charging procedure is not ended automatically. Therefore, disconnect the battery charger from the mains supply after the battery has been charged and remove the battery. A temperature increase of the battery indicates that the battery is fully charged.

Troubleshooting – Causes and Corrective Measures

Cause	Corrective Measure
No charging procedure possible	
Battery contacts contaminated	Clean the battery contacts (e.g. by inserting and removing the battery several times) or replace the battery
Battery pack defective	Replace the battery

Cause	Corrective Measure
Battery charge indicator 3 does not light up	
Mains plug of battery charger not plugged in (properly)	Insert mains plug (fully) into the socket outlet
Battery not (properly) inserted	Properly insert battery into battery charger
Socket outlet, mains cable or battery charger defective	Check the mains voltage; have the battery charger checked by an authorised after-sales service agent for Bosch power tools

Working Advice

With continuous or several repetitive charging cycles without interruption, the charger can warm up. This is not meaningful and does not indicate a technical defect of the battery charger.

A battery that is new or that has not been used for a longer period will not achieve its full capacity until after approx. 5 charging and discharging cycles. Leave such a battery in the battery charger until it has warmed up considerably.

A significantly reduced working period after charging indicates that the battery is used and must be replaced.

Maintenance and Service

After-sales Service and Application Service

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.

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www.bosch-pt.com

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