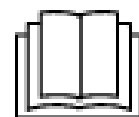


GAL18V-40-2



Powered by



安全规章



请阅读所有安全规章和指示。
不遵照以下警告和说明可能导致电击、着火和/或严重伤害。

妥善保存本使用说明书。

在完全了解机器的所有功能，以及能够不受限制地执行各功能或取得相关的使用指示之后，才能够使用本充电器。

- ▶ 儿童和身体、感官或精神上有缺陷或缺乏经验与知识的人员不得使用本充电器。对于八岁以上的儿童和身体、感官或精神上有缺陷或缺乏经验与知识的人员，倘若其得到负责其安全的人员监护或接受过监护人有关充电器使用的指导并已了解到可能的危险，则可以使用本充电器。否则会有误操作和人身伤害的危险。
- ▶ 在使用、清洁和保养时请看管好儿童。确保儿童不会使用本充电器玩耍。
- ▶ 只能给容量在1.3安培小时以上的Bosch锂离子电池或AMPShare合作款电池充电。电池电压必须与充电器的电池的充电电压相匹配。切勿给非充电型电池充电。否则存在着着火和爆炸的危险。



仅在密闭空间内使用本充电器，并使其远离潮湿。水进入充电器将增加电击危险。

- ▶ 保持充电器的清洁。污染会产生触电的危险。
- ▶ 每次使用前都要检查充电器，包括电源线和插头。一旦发现充电器损坏，请勿使用。请勿自行打开充电器，只能由Bosch或由经授权的客户服务中心用原厂配件进行维修。损坏的充电器、电源线和插头会增加使用者触电的危险。
- ▶ 不要在可燃的底板（如纸张、织物等）上或可燃环境中使用充电器。因充电器在充电时会变热，存在火灾危险。
- ▶ 不要盖住充电器的通风孔。否则充电器会过热并且无法正常工作。
- ▶ 只用制造商规定的充电器充电。将适用于某种电池盒的充电器用到其他电池盒时会发生着火危险。
- ▶ 如果充电电池损坏或者未按照规定使用，充电电池中也会散发出有毒蒸汽。工作场所必须保持空气流通，如果身体有任何不适必须马上就医。蓄电池散发的蒸汽会刺激呼吸道。
- ▶ 在滥用条件下，液体会从电池中溅出；避免接触。如果意外碰到了，用水冲洗。如果液体碰到了眼睛，还要寻求医疗帮助。从电池中溅出的液体会发生腐蚀或燃烧。
- ▶ 使用过程中，请将家用电器的电源插头完全插入电源插座中，并保持电源插头与插座接触良好。
- ▶ 产品出现异常噪声、异常气味、异常高温或故障时，请立即停止使用，关闭开关，切断电源。
- ▶ 人员离开现场时，请将电源关断。
- ▶ 使用者不应自行改变低压断路器或剩余电流动作保护器的设定值。
- ▶ 使用者不应以普通导体或超出规定电流容量的熔断体替换家用电器和电源的熔断体。

- ▶ 不应从带插座的灯头上引接电源供给家用电器。
- ▶ 使用者不应自行拆卸家用电器，不应变更内部接线、部件和保护装置。
- ▶ 延长线电源插座所接家用电器的总额定电流值，不应超过原固定插座或线路的额定电流值。
- ▶ 本产品不应在易燃易爆物品附近或类似环境中使用。
- ▶ 当需要使用延长线电源插座时，请使用符合国家标准要求的延长线电源插座。
- ▶ 从插座上拔下插头时，不对电源线施加拉力。

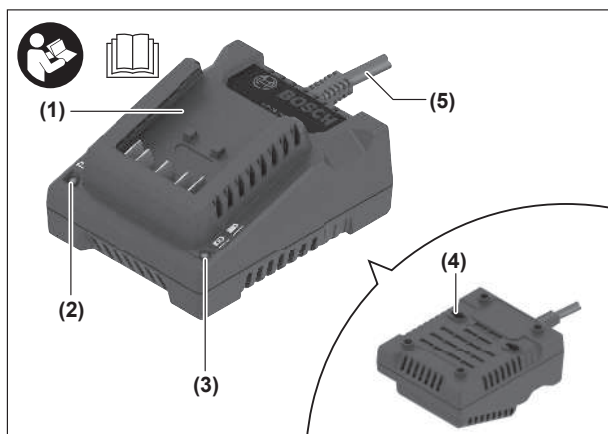
产品和性能说明

按照规定使用

充电器用于为可重复充电的Bosch或AMPShare合作伙伴的锂离子充电电池充电。

插图上的机件

图示组件的编号和充电器插图上的一致。



- (1) 充电槽
- (2) 温度监控/错误红色指示灯
- (3) 绿色电量指示灯
- (4) 墙壁悬挂装置
- (5) 可取下的电源线

技术数据

充电器	GAL18V-40-2
保护等级	□ / II
充电电流 ^{A)}	4.0安培
充电电池充电电压（自动辨识电压）	18伏特
重量 ^{B)}	0.28公斤
许可的充电温度范围	0至45摄氏度

A 取决于温度和充电电池类型
)

B 不含电源线和电源插头的重量
)

数值可能因不同产品而异，并且受到应用和环境条件影响。更多信息请参见www.bosch-professional.com/wac。

充电过程

- ▶ **注意电源电压！** 电源的电压必须和充电器铭牌上标示的电压数据一致。
- ▶ 不要拉拔电源线(5)，以将其从充电器脱开。

① 确保充电槽(1)和充电电池触点上没有大块污物。确保已将充电电池完全插入。

一旦电源线(5)插在充电器上且电源插头插入电源插座，充电电池插入充电槽(1)，充电过程就启动。

① 仅当充电电池的温度在许可的充电温度范围内时(0–45摄氏度)，才可以充电。

通过智能充电法，能够自动识别充电电池的电量，并根据充电电池的温度和电压以最佳充电电流进行充电。

充电后如果充电电池的使用时间明显缩短，代表充电电池已经损坏，必须更换新的充电电池。

在持续或者不间断地先后使用充电器后，可能导致充电器变热。不过无需担心，这并不表示充电器存在技术故障。

指示灯号的代表含义

充电电池电量绿色指示灯闪烁



绿色的电池充电指示灯(3)快速闪烁表示正在进行快速充电。

充电电池可随时取出使用。

一旦达到电池容量的80%，绿色电量指示灯的闪烁就变慢。快速充电过程现已完成。如果充电电池留在充电器中，则以较低的速度执行充电过程。

充电电池电量绿色指示灯常亮



绿色的电量指示灯(3)常亮表示充电电池已完全充满电。现在您可以取出并且马上使用充电电池。

如果在充电电池未插入的情况下电量指示灯(3)常亮，则表示电源插头已插入电源插座且充电器准备就绪。

温度监控红色指示灯常亮



红色指示灯(2)常亮表示充电电池的温度超出了允许的充电温度范围(0–45摄氏度)。一旦达到所允许的温度范围，充电过程即开始。

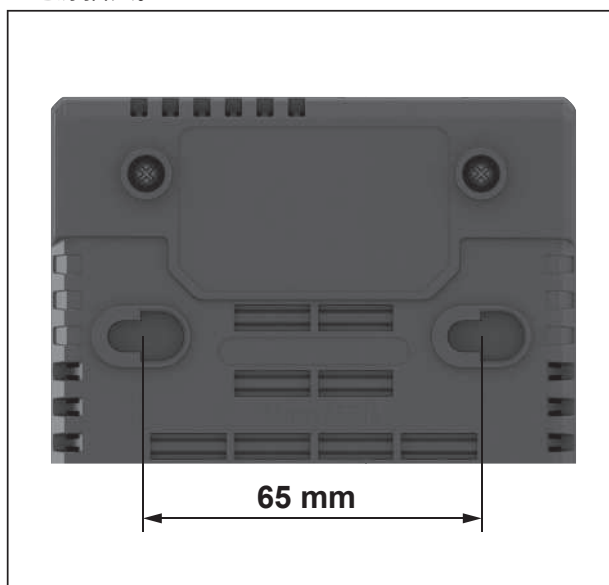
故障红色指示灯闪烁



红色指示灯(2)闪烁表示充电过程中发生其他故障(参见“充电电池不充电”，页3)。

壁式安装

- ▶ 在充电器上进行所有操作之前都必须从插座上拔出电源插头。



充电器可以竖立使用（在桌面上使用），也可以悬挂在墙壁上使用。

如需固定在墙壁上：按照65 mm的间隔钻两个孔。使用直径5毫米至最大6.5毫米的圆头螺栓进行固定。

故障排除

充电电池不充电



无法为充电电池充电且温度监控/故障红色指示灯(2)闪烁红光。

成因：充电器发现一个内部故障。

解决措施：确保充电电池已完全插入，电源线已正确连接在充电器上。拔下再重新插入电源插头。如果该故障再次出现，则将充电器交给Bosch电动工具授权的客户服务中心检查。

成因：未插好充电电池

解决措施：将充电电池正确插入充电器。

成因：充电电池和充电触点受到污染

解决措施：拔下电源插头，清洁充电电池和充电触点（干燥）。

成因：充电电池损坏

解决措施：更换充电电池。



无法为充电电池充电且指示灯(2)亮起红色。

成因：充电电池温度超出允许的充电温度范围

解决措施：请等待直到充电电池温度再次位于许可充电温度范围（0–45摄氏度）内。

指示灯不亮

没有指示灯亮起，无法为充电电池充电。

成因：插座、电线或充电器有故障

解决措施：确保充电器已连接在与之匹配的功能正常的插座上。如果该故障再次出现，必要时将充电器交给授权的客户服务处检查。

成因：未插上或者未正确插好充电器的电源插头

解决措施：将电源插头（完全）插入插座。

维修和服务

维修和清洁

如果必须更换连接线，务必把这项工作交给**Bosch**或者经授权的**Bosch**电动工具顾客服务执行，以避免危害机器的安全性能。

客户服务和应用咨询

中国大陆

电话：400 826 8484-3-2

制造商地址：

Robert Bosch Power Tools GmbH

罗伯特·博世电动工具有限公司

70538 Stuttgart / GERMANY

70538 斯图加特 / 德国

询问和订购备件时，务必提供机器铭牌上标示的10位数物品代码。

处理废弃物

必须以符合环保的方式回收再利用充电器、附件和包装材料。



不可以把充电器丢入一般的家庭垃圾中！

产品中有害物质的名称及含有的信息表

部件名称	有害物质									
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBBs)	多溴二苯 醚 (PBDEs)	邻苯二 甲酸二 正丁酯 (DBP)	邻苯二 甲酸二 异丁酯 (DIBP)	邻苯二 甲酸丁 苄酯 (BBP)	邻苯二 甲酸二 (2-乙 基)己酯 (DEHP)
电路板①	○	○	○	○	○	○	○	○	○	○
端子②	X	○	○	○	○	○	○	○	○	○

注1：

○：表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。

x：表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。

注2：

以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。

①适用于电池包和充电器

②仅适用于充电器

产品环保使用期限内的使用条件参见产品说明书。

Legal Information and Licenses

1. Open Source Components

1.1 Name: GD32E23x Firmware Library

Version : 1.2.0

License : BSD-3-Clause

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1.2 Name: ARM_CMSIS_5

Version: 5.7.0

License : Apache-2.0

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Version 2.0, January 2004

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