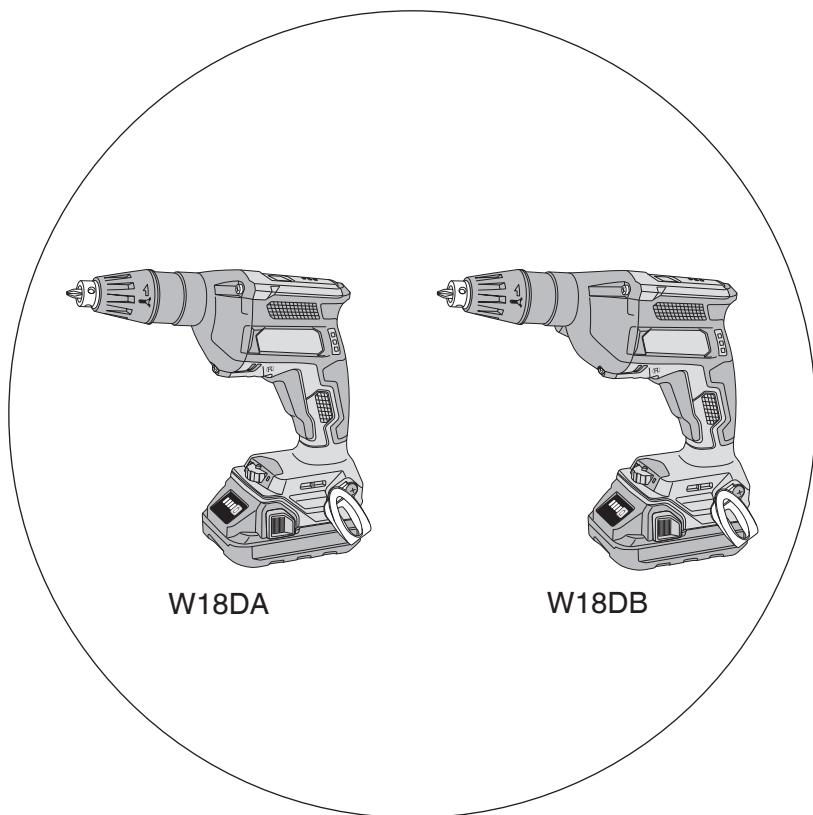


# HIKOKI

中文  
English

## 充电式螺丝起子机 Cordless Screw Driver

### W 18DA • W 18DB



W18DA

W18DB

保留备用  
Keep for future reference



使用说明书  
Handling instructions

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## 电动工具通用安全警告

### ⚠ 警告！

阅读随电动工具提供的所有安全警告、说明、图示和规定。  
不遵照以下所列说明会导致电击、着火和 / 或严重伤害。

保存所有警告和说明书以备查阅。

警告中的术语“电动工具”是指市电驱动（有线）电动工具或电池驱动（无线）电动具。

#### 1) 工作场地的安全

- a) 保持工作场地清洁和明亮。  
杂乱和黑暗的场地会引发事故。
- b) 不要在易爆环境，如有易燃液体、气体或粉尘的环境下操作电动工具。  
电动工具产生的火花会点燃粉尘或气体。
- c) 操作电动工具时，远离儿童和旁观者。  
注意力不集中会使你失去对工具的控制。

#### 2) 电气安全

- a) 电动工具插头必须与插座相配。绝不能以任何方式改装插头。需接地的电动工具不能使用任何转换插头。  
未经改装的插头和相配的插座将降低电击风险。
- b) 避免人体接触接地表面，如管道、散热片和冰箱。  
如果你身体接触接地表面会增加电击风险。
- c) 不得将电动工具暴露在雨中或潮湿环境中。  
水进入电动工具将增加电击风险。
- d) 不得滥用软线。绝不能用软线搬运、拉动电动工具或拔出其插头。  
使软线远离热源、油、锐边或运动部件。  
受损或缠绕的软线会增加电击风险。

- e) 当在户外使用电动工具时，使用适合户外使用的延长线。  
适合户外使用的电线将降低电击风险。
- f) 如果无法避免在潮湿环境中操作电动工具，应使用带有剩余电流装置（RCD）保护的电源。  
RCD 的使用可降低电击风险。

### 3) 人身安全

- a) 保持警觉，当操作电动工具时关注所从事的操作并保持清醒。  
当你感到疲倦，或在有药物、酒精或治疗反应时，不要操作电动工具。  
在操作电动工具时瞬间的疏忽会导致严重人身伤害。
- b) 使用个人防护装置。始终佩戴护目镜。  
防护装置，诸如适当条件下使用防尘面具、防滑安全鞋、安全帽、听力防护等装置能减少人身伤害。
- c) 防止意外起动。在连接电源和 / 或电池包、拿起或搬运工具前确保开关处于关断位置。  
手指放在开关上搬运工具或开关处于接通时通电会导致危险。
- d) 在电动工具接通之前，拿掉所有调节钥匙或扳手。  
遗留在电动工具旋转零件上的扳手或钥匙会导致人身伤害。
- e) 手不要过分伸展。时刻注意立足点和身体平衡。  
这样能在意外情况下能更好地控制住电动工具。
- f) 着装适当。不要穿宽松衣服或佩戴饰品。让你的头发和衣服远离运动部件。  
宽松衣服、佩饰或长发可能会卷入运动部件。
- g) 如果提供了与排屑、集尘设备连接用的装置，要确保其连接完好且使用得当。  
使用集尘装置可降低尘屑引起的危险。
- h) 不要因为频繁使用工具而产生的熟悉感而掉以轻心，忽视工具的安全准则。  
某个粗心的动作可能在瞬间导致严重的伤害。

### 4) 电动工具使用和注意事项

- a) 不要勉强使用电动工具，根据用途使用合适的电动工具。  
选用合适的按照额定值设计的电动工具会使你工作更有效、更安全。
- b) 如果开关不能接通或关断电源，则不能使用该电动工具。  
不能通过开关来控制的电动工具是危险的且必须进行修理。
- c) 在进行任何调节、更换附件或贮存电动工具之前，必须从电源上拔掉插头和 / 或卸下电池包（如可拆卸）。  
这种防护性的安全措施降低了电动工具意外起动的风险。
- d) 将闲置不用的电动工具贮存在儿童所及范围之外，并且不允许不熟悉电动工具和不了解这些说明的人操作电动工具。  
电动工具在未经培训的使用者手中是危险的。

## 中文

- e) 维护电动工具及其附件。检查运动部件是否调整到位或卡住，检查零件破损情况和影响电动工具运行的其他状况。如有损坏，应在使用前修理好电动工具。

许多事故是由维护不良的电动工具引发的。

- f) 保持切削刀具锋利和清洁。

维护良好地有锋利切削刃的刀具不易卡住而且容易控制。

- g) 按照使用说明书，并考虑作业条件和要进行的作业来选择电动工具、附件和工具的刀头等。

将电动工具用于那些与其用途不符的操作可能会导致危险情况。

- h) 保持手柄和握持表面干燥、清洁，不得沾有油脂。

在意外的情况下，湿滑的手柄不能保证握持的安全和对工具的控制。

### 5) 电池式工具使用和注意事项

- a) 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。

- b) 只使用配有特制电池盒的电动工具。

使用其他电池盒会发生损坏和着火危险。

- c) 当电池盒不用时，将它远离其他金属物体，例如回形针、硬币、钥匙、钉子、螺钉或其他小金属物体，以防一端与另一端连接。

电池端部短路会引起燃烧或火灾。

- d) 在滥用条件下，液体会从电池中溅出；避免接触。如果无意间碰到了，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。

- e) 请勿使用损坏或改装的电池盒或工具。

损坏或改装的电池可能会引发突发状况，导致火灾、爆炸或受伤。

- f) 请勿将电池盒或工具暴露在有火源或高温环境中。

如果暴露在有火源或 130 度以上高温的环境中，可能引起爆炸。

- g) 请完全按照充电说明进行操作，不要在说明中规定的温度范围外的环境中对电池盒或工具充电。

充电不当或在规定温度范围外的环境中充电可能会导致电池损坏，增加发生火灾的风险。

### 6) 维修

- a) 将你的电动工具送交专业维修人员，使用同样的备件进行修理。

这样将确保所维修的电动工具的安全性。

- b) 请勿维修已损坏的电池盒。

需由制造商或经授权的服务供应商进行维修。

## 注意！

不可让儿童和体弱人士靠近工作场所。

应将不使用的工具存放在儿童和体弱人士接触不到的地方。

## 充电式螺丝起子机安全警告

1. 在操作过程中，紧固件可能会触碰到隐藏的导线，因此请握住电动工具的绝缘夹持面。

紧固件接触“带电”导线可能会使电动工具的裸露金属部件“带电”，并可能造成操作者触电。

## 其它安全警告

1. 本工具为手提式工具，用于旋紧和旋松螺丝。请不要用于其它作业。

2. 操作期间，确保紧紧握住工具把手。（图 1）

3. 确保您要工作的场地无电源线、煤气管道或水管（例如使用金属探测器）。

4. 较小工件必须以不会随钻头一起移动的方式固定（例如，通过夹在虎钳中或用螺丝夹固定在工作台上）。

5. 请勿让通风口保持关闭状态。

6. 请确保蓄电池安装牢固。电池松动后，可能脱落并引起事故。

7. 请勿触碰移动的部件。

请勿将手、手指或身体的其他部位靠近工具的移动部件。

8. 安装好起子机的钻头以后，请轻轻拉出钻头以确认钻头是否松动。如果钻头安装不当，在使用时钻头可能会因松动而引起危险。

9. 将主机保持笔直拧入螺丝。

如果起子机与螺丝之间的位置不成直线，则会损坏螺丝头并磨损钻头。此外，规定的扭矩也无法传给螺丝，从而导致螺丝留在外面。请使起子机与螺丝成一直线并旋入。

10. 请使用指定的螺丝。

请勿使用任何其他螺丝。否则可能导致工作异常（螺丝掉落或留在外面）和故障（螺丝卡住和钻头磨损）。

11. 请注意墙壁和天花板上的导线和管道。

在地板、墙壁或天花板上作业时，请预先检查导线和管道。请小心作业，以免触电和爆炸。

12. 请戴上护目镜保护眼睛。

作业时始终佩戴护目镜。钻孔时石膏粉和胶带粉尘会四处散落，如果进入您的眼睛会引起危险。

13. 如长时间进行作业，请使用耳塞。

14. 工具过载时电机可能停止。如发生此种情况，请松开工具开关，并消除造成过载的原因。

15. 金属部件在连续作业后可能温度升高，请勿触碰。

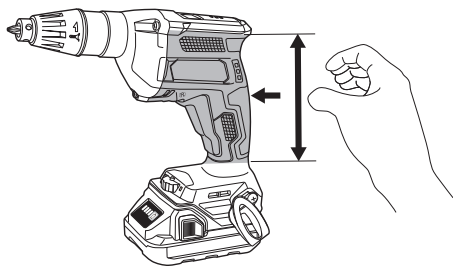


图 1

## 中文

16. 在寒冷条件下（低于 0°C）使用电池有时会导致旋紧扭矩下降和工作量减少。不过，这只是暂时现象，待电池升温后即会恢复正常。
17. 请在 -5 – 40°C 环境下使用本工具及电池。
18. 务请在 0°C – 40°C 的温度下进行充电。温度低于 0°C 将会导致充电过度，极其危险。电池不能在高于 40°C 的温度下充电。最适合于充电的温度是 20 – 25°C。
19. 不要连续使用充电器。  
一次充电完毕后，在 15 分钟内不要再次使用该充电器对电池充电。
20. 勿让杂质进入电池连结口内。
21. 切勿拆卸电池与充电器。
22. 切勿使电池短路。使电池短路将会造成很大的电流和过热，从而烧坏电池。
23. 请勿将电池丢入火中。  
电池受热将会爆炸。
24. 请勿将异物插入充电器的通风口。  
若将金属异物或易燃物插入通风口的话，将会引起触电事故或使充电器受损。
25. 充电后电池寿命太短不够使用时，请尽快将电池送往经销店。请勿将用过的电池乱丢。
26. 请勿使用工具或电池端子（电池安装部位）明显变形的产品。  
否则，安装电池后可能会短路，造成冒烟或起火。
27. 请清除工具端子（电池安装部位）上的削屑和灰尘。
  - 使用前请确保电池上没有堆积削屑和灰尘。
  - 在使用过程中，请尽量避免工具上的削屑或灰尘掉落在电池上。
  - 暂时不使用工具时或使用后，应将工具存放在不会掉落削屑或灰尘的地方。否则可能短路，造成冒烟或起火。

## 锂离子电池使用注意事项

为延长使用期限，锂离子电池备配停止输出的保护功能。

若是在使用本产品时发生下列 1 至 3 的情况，即使按下开关，马达也可能停止。这并非故障，而是启动保护功能的结果。

1. 在残留的电池电力即将耗尽时，马达会停止。  
在这种情况下，请立即予以充电。
  2. 若工具超过负荷，马达亦可能停止。在这种情况下，请松开工具的开关，试着消除超过负荷的原因。之后您就可以再度使用。
  3. 若电池在过载工作情况下过热，电池电力可能会中止。  
在这种情况下，请停止使用电池，让电池冷却。之后您就可以再度使用。
- 此外，请留心下列的警告及注意事项。

### 警告！

为防止发生电池漏电、发热、冒烟、爆炸及提前点燃，请确保留意下列事项。

1. 确保电池上没有堆积削屑及灰尘。
  - 在工作时确定削屑及灰尘没有掉落在电池上。
  - 确定所有工作时掉落在电动工具上的削屑和灰尘没有堆积在电池上。
  - 请勿将未使用的电池存放在曝露于削屑和灰尘的位置。
  - 在存放电池之前，请清除任何可能附着在上面的削屑和灰尘，并请切勿将它与金属零件（螺丝、钉子等）存放在一起。
2. 请勿以钉子等利器刺穿电池、以铁锤敲打、踩踏、丢掷电池，或将其剧烈撞击。
3. 切勿使用明显损坏或变形的电池。
4. 请依规定方式使用电池，切勿移作他用。
5. 如果已过了再充电时间，电池仍无法完成充电，请立即停止继续再充电。
6. 请勿将电池放置于高温或高压处，例如微波炉、烘干机或高压容器内。
7. 在发觉有渗漏或异味时，请勿接近远离火源。
8. 请勿在会产生强烈静电的地方使用。
9. 如有电池渗漏、异味、发热、褪色或变形，或在使用、充电或存放时出现任何异常，请立即将它从装备或电池充电器拆下，并停止使用。
10. 请勿浸泡电池或让任何液体流入电池内部。导电液体进入（如水），可能造成电池损坏，甚至可导致火灾或爆炸。将电池存放在阴凉、干燥的地方，远离易燃物品。必须避免将电池置于腐蚀性气体环境中。

## 注意！

1. 若电池渗漏出的液体进入您的眼睛，请勿搓揉眼睛，并以自来水等干净清水充分冲洗，立刻送医。  
若不加以处理，液体可能会导致眼睛不适。
2. 若液体渗漏至您的皮肤或衣物，请立即以自来水等清水冲洗。  
上述情况可能会使皮肤受到刺激。
3. 若初次使用电池时发现生锈、异味、过热、褪色、变形及 / 或其它异常情况时，请勿使用并将该电池退还给供货商或厂商。

## 警告！

如果导电异物进入锂离子电池端子之间，可能发生短路，并造成火灾危险。存放电池时，请遵循下列事项。

- 请勿在存储盒中放入导电的切屑、铁钉、钢丝、铜线或其他导线。
- 或者将电池装在电动工具中，或者在牢固按入电池盖并挡住通风孔后再存放，以防止短路（参照图 2）。

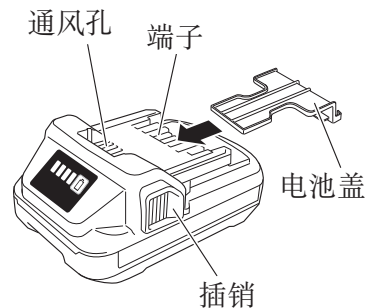


图 2

## 锂离子电池运输

当运输一个锂离子电池，请注意以下预防措施。

### 警告！

告知运输公司，包装内包含一个锂离子电池，告知该公司其功率输出并且要按照运输公司的指引安排运输。

- 功率输出超过 100Wh 的锂离子电池被视作危险物品并且需要特别申请程序。
- 对于境外运输，您必须遵守国际法以及输入国的规章和条例。

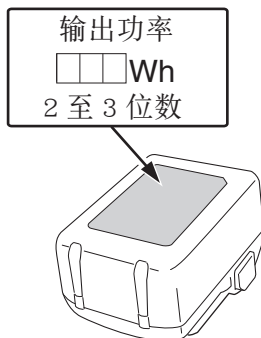


图 3

## 符号

### 警告！

如下所示的符号用于本机。使用前请务必理解其含意。

	为降低伤害风险，用户必须阅读使用说明书	$n_0$	空载转速
	直流电	/min	每分钟的振动次数
V	额定电压		警告



## 零件名称

## 1. 电动工具

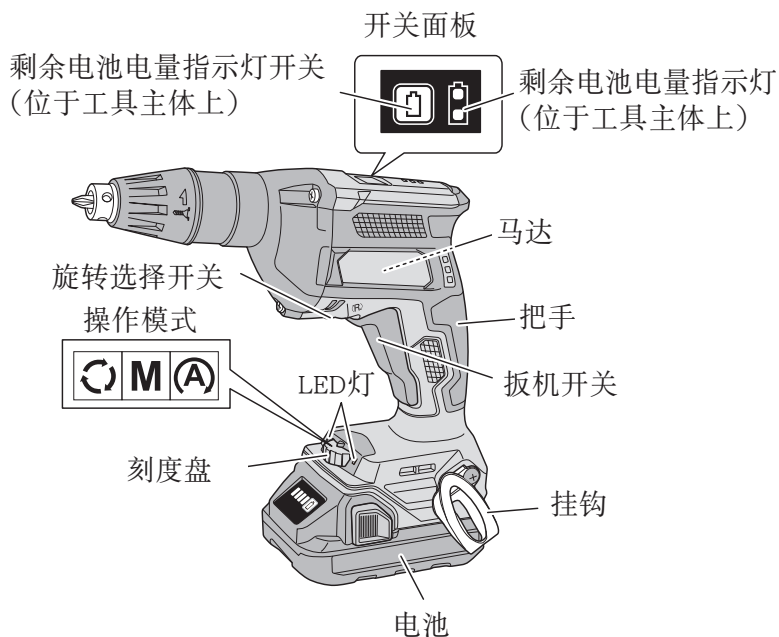
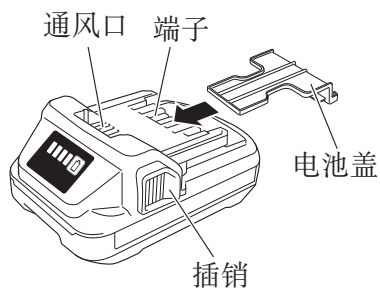


图 4

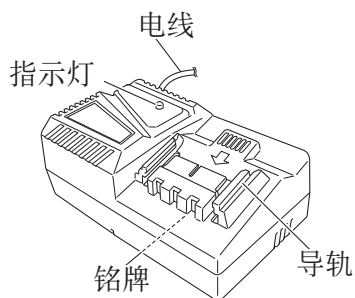
## 2. 电池 (选购件)



&lt;BSL1820M&gt;

图 5

## 3. 电池充电器 (选购件)



&lt;UC18YFSL&gt;

图 6

## 规格

## 电动工具

型式	W18DA	W18DB
电压	18V	
空载转速	0-5000/min	0-3000/min
螺栓尺寸	4mm	
钻头杆的尺寸	6.35mm 六角形	
电池	BSL1820M: 锂离子 18V (2.0Ah 5 节)	
重量	1.4 kg ( 安装 BSL1820M)	1.5 kg ( 安装 BSL1820M)

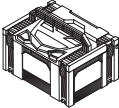
## 充电器 (分开销售)

型式	UC18YFSL
充电电压	14.4V-18V
重量	0.5kg

## 标准附件

除了主机 (1 台) 外, 产品包中还包括表中所列的附件。

表 1

	W18DA (NNP)	W18DB (NNP)
箱 	1	1

## 规定使用条件

本工具适于旋入木材和金属基底上的石膏板以及金属基底上最厚 12.5mm 的纤维石膏板。

W18DB也适于木材基底和铺设板上最厚12.5mm的纤维石膏板以及木材基底上的刨花板（OSB）。

本机不适合在金属材料中插入和拆除螺丝。

用户对因使用不当而造成的任何损害承担全部责任。

必须遵守公认的事故预防规定和随附的安全注意事项。

## 电池的拆卸 / 安装法

### 1. 电池的拆卸法

请先紧抓住把手、然后再推压电池插销以拆下电池（参照图 7）。

### 注意！

切勿使电池短路。

### 2. 电池的安装法

插入电池时请注意极性（参照图 7）

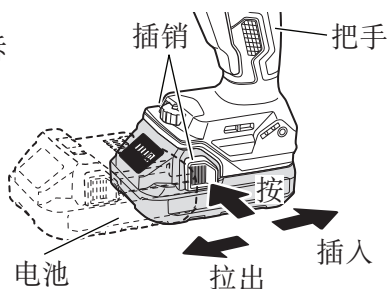


图 7

## 充电

使用电动工具之前，按下述方法将电池进行充电。

### 1. 将充电器的电源线连接到插座。

将充电器插头连接到插座时，指示灯闪烁红色（间隔为 1 秒）。

### 2. 将电池插入充电器。

如图 8 所示，将电池稳稳地插入充电器。

### 3. 充电

将电池插入充电器后，将开始充电，指示灯会持续点亮呈红色。

电池完全充电后，指示灯将闪烁呈红色（以 1 秒的间隔）（参照第12页的表 2）。

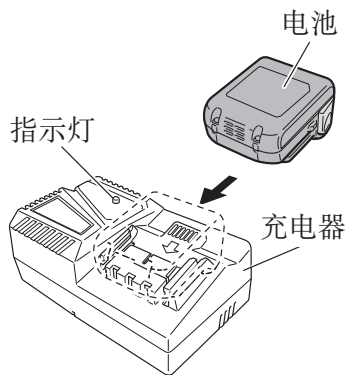


图 8



## 注意！

连续使用时，电池充电器温度将提升，因此会导致出现故障。完成充电后，下次充电前，请让电池充电器休息15分钟。

4. 从插座或点烟器孔座上拔下充电器的电源线。

5. 握紧充电器并取出电池。

注：

充电后，先将电池从充电器中取出，然后妥善保存。

### 关于新电池等的放电

因新的和长期未使用的电池内部的化学物质无活性，故第一次和第二次使用时其放电能力可能较低。这是暂时现象，这种电池充电 2—3 次后即可恢复其充电所需的正常时间。

### 较长时间保持电池性能的方法

(1) 在电池电力完全耗尽之前进行充电。

感到电动工具的能力变弱时，请停止使用并给电池充电。若您继续使用电动工具并耗尽电力，电池可能会损坏或其使用寿命缩短。

(2) 避免在高温环境中充电。

使用后电池的温度将迅速升高。若使用后立即对这种电池进行充电，其内部化学物质会劣化，电池使用寿命将缩短。请稍等片刻，待电池冷却后再进行充电。

## 注意！

○ 如果电池长时间放置在阳光直接照射的地方或者刚刚使用完毕时，电池会变热。如果此时对电池充电，充电器上的指示灯会点亮 1 秒钟，不点亮 0.5 秒钟（熄灭 0.5 秒钟）。

在此情况下，先让电池冷却下来，然后再充电。

○ 指示灯闪动时（以 0.2 秒钟的间隔），请检查并取出充电器电池接口处的任何异物。若无异物，则可能电池或充电器发生故障。请带去经授权的维修中心检查。

○ 如果指示灯未以红色闪烁（每秒一次），但充电池电源线已连接至电源，表明充电器的保护电路可能已激活。

拔下电源线或插座，然后等待5分钟左右再次连接。如果指示灯仍未以红色闪烁（每秒一次），请将充电器送还至 HiKOKI 授权服务中心。

## 作业之前

检查工作区域，确保不混乱没有碎片。  
清理不必要人员区域。确保照明和通风充足。

## 使用方法

安装挂钩

可以在左右两侧将挂钩旋入到位（参照第 9 页的图 4）。

## 使用

1. 设置旋转方向，接合输送安全装置（开启锁）

### 注意！

仅在电机完全停转时才激活旋转选择开关

请参照第 9 页的图 4

R = 顺时针设置

L = 逆时针设置

0 = 中间位置：输送安全装置已接合（开启锁）

2. 选择操作模式，开启 / 关闭

在刻度盘上设置所需的操作模式。（参照第 9 页的图 4）。

注：

电机运转时，主轴在推入之前不会启动。

### **M** 手动模式

开启：按下扳机开关。按下扳机以增加转速。

如要关闭，请松开扳机开关。

### **(A)** 自动模式

推入主轴时，本工具自动启动。这有助于轻松

作业。如要启用自动模式，请短按一下扳机开关。

注：

本工具闲置 15 分钟未使用时，会切换到休眠模式。如要再次激活：请短按一下扳机开关。

**警告！**

本机意外自动启动会造成人身伤害危险。在自动模式下，请勿触摸任何旋转部件，如主轴、钻头或磁性钻头固定器。

**脉冲模式**

使用此功能可以精确地将突出的螺丝钻入埋头孔。按下扳机开关并使用附带的制动器将螺丝钻入埋头孔。如要关闭，请松开扳机开关。

注：

- 如果螺丝的突出量较小，可能无法拧紧螺丝。
- 在这种情况下，请取下制动器并在手动模式下进行调整。

## 3. 更换钻头

**警告！**

请防止意外启动：在进行任何更换作业之前，请设置手动模式并从本工具中取出电池。

## 插入和卸下钻头（图 9）

- 取下制动器。
- 插入：将钻头插入磁性钻头固定器。
- 卸下：使用钳子将钻头从磁性钻头固定器中拉出。
- 重新安装制动器：安装后转动并接合到位。

注：

如果已拉回轴套，则可以从主轴上拆下磁性钻头固定器。

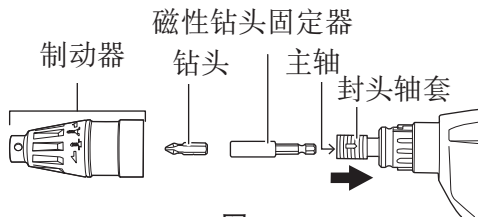


图 9

## 4. 使用制动器（第 16 页的图 10）

可通过转动定位轴套来设置螺丝的深度。滚花螺丝旋转时，对应的钻孔深度约为 1.5mm。

调整定位轴套，以使对螺丝施力时螺丝头位于止动轴套外约 2mm。

插入一颗螺丝测试。必要时修正螺丝深度。

## 注意！

旋入十字头螺丝时，用钻头将本机牢牢压在螺丝上，直至螺丝完全插入，否则钻头可能会从十字槽中滑出并损坏材料。

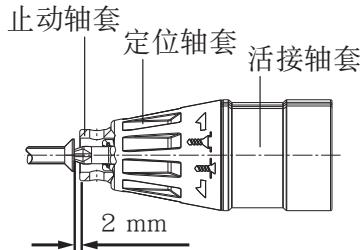


图 10

## 5. 关于剩余电池电量指示灯（位于工具上）

按下剩余电池电量指示灯开关时，剩余电池电量指示灯亮起，可检查电池的剩余电量。（图 11）将手指从剩余电池电量指示灯开关上松开时，剩余电池电量指示灯熄灭。剩余电池电量指示灯的状态和电池的剩余电池电量如表 4 所示。

表 4

指示灯状态	电池剩余电量
	电池剩余电量充足。
	电池剩余一半电量。
	电池剩余电量即将耗尽。 请尽快对电池进行充电。

环境温度和电池特性不同，则所显示的电池剩余电量也会有些许不同，以上内容仅供参考。

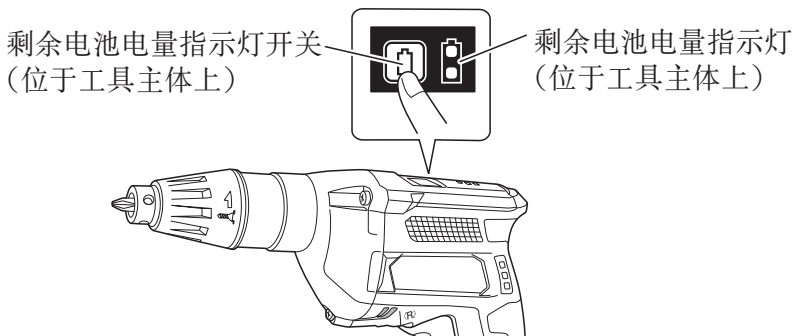


图 11



- 注：
- 使用带剩余电池电量指示灯的电池时，请参考电池上的指示灯以了解电池剩余电量。
  - 请勿强烈撞击或破坏开关面板。否则可能会导致故障。
  - 为节省电池电量，按下剩余电池电量指示灯开关时，剩余电池电量指示灯将亮起。

#### 6. 剩余电池电量指示灯（位于电池上）

可以按下剩余电池电量指示灯开关点亮指示灯，查看电池的剩余电量。（图 12，表 5）

按住剩余电池电量指示灯开关约 3 秒后，指示灯将熄灭。

环境温度和电池状态可能会对剩余电池电量产生轻微的影响，因此，建议您仅将指示灯作为参考。

此外，电动工具或充电器上的剩余电池电量指示灯可能有所不同。

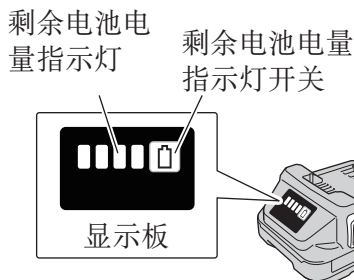


图 12

表 5

指示灯状态	电池剩余电量
	点亮； 电池剩余电量超过 75%
	点亮； 电池剩余电量为 50%—75%
	点亮； 电池剩余电量为 25%—50%
	点亮； 电池剩余电量不到 25%
	闪烁； 电池剩余电量即将耗尽。请尽快对电池进行充电。
	闪烁； 因高温暂停输出从电动工具中取下电池，让电池完全冷却。
	闪烁； 因失败或故障暂停输出。电池可能出现故障，请与经销商联系。

环境温度和电池特性不同，则所显示的电池剩余电量也会有些许不同，以上内容仅供参考。

## 中文

注：

请勿强烈撞击或破坏开关面板。否则可能会导致故障。

### 7. LED 灯的使用方法（图 13）

当开关被拔出时，LED 灯将照亮工具的尖部区域。

松开开关约 10 秒后，LED 灯将自动熄灭。

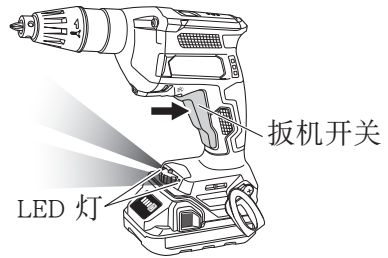


图 13

## 注意！

○ 请不要直视灯光，避免眼睛直接受灯光照射。

如果眼睛持续受灯光照射，会伤害眼睛。

○ 用软布仔细擦拭附着在 LED 灯镜片上的灰尘或污垢，小心不要划伤镜片。如果划伤 LED 灯的镜片，可能会导致亮度减弱。

### 8. 灯警示信号

本产品具有旨在保护工具本身和电池的功能。

如果在操作期间启动了任何保护功能，LED 灯将会闪烁三次。（参照表 6）

在这种情况下，请按照纠正措施中所述说明进行操作。

执行校正后，如果拉动扳机开关时产品不运转（或 LED 灯闪烁），请取出电池，等待约 10 秒钟，然后再次插入电池。

表 6

保护功能	LED 灯显示	正确步骤
过载保护	闪烁三次 ■ ■ ■	去除过载原因
温度保护		让该工具和电池得到充分冷却。

## 操作上的注意事项

连续作业后须让电动工具休息片刻

在连续进行螺栓紧固作业后以及在更换电池后，请让电动工具暂停作业 15 分钟。如果在更换电池后立刻开始作业，马达和开关等的温度将会升高，结果导致烧毁。

## 维护和检查

### 警告！

为避免发生严重事故，请确保开关处于关断位置，并取出电池。

#### 1. 检查钻头

继续使用已破损的钻头或钻头尖已磨损的钻头是非常危险的，因为钻头会滑脱。因此，请更换已破损的钻头或钻头尖已磨损的钻头。

#### 2. 清洁不活动的制动器

如果深度设置不活动，则无需使用任何工具即可拆卸制动器。为此，请顺时针转动定位轴套，直至其从活接轴套上松开。拧出止动轴套并清洁螺纹。

### 注：

#### 3. 检查安装螺钉

要经常检查安装螺钉是否紧固妥善。若发现螺钉松了，应立即重新扭紧，否则会导致严重的事故。

#### 4. 电动机的维护

电动机绕线是电动工具的“心脏部”应仔细检查有无损伤，是否被油液或水沾湿。

#### 5. 检查端子（工具和电池）

确保端子上没有堆积削屑和灰尘。

在操作前、操作时和操作后需要时常检查。

### 注意！

请清除端子上的削屑或灰尘。

否则可能导致故障。

#### 6. 清理外部

电动工具脏污时，请用柔软的干布或沾有肥皂水的布片擦拭。切勿使用氯溶液、汽油或稀释剂，以免塑胶部分溶化。

在操作过程中，颗粒物可能会沉积在电动工具内部。这会影响到电动工具的冷却。应使用真空集尘器通过所有前后排气孔定期、经常和彻底地清洁本电动工具。在进行此操作之前，请将本电动工具与电源断开连接，并佩戴护目镜和防尘面具。

#### 7. 环境保护

请遵守有关环保处置和废弃机器、包装和附件回收的国家法规。

#### 8. 收藏

冲击起子机应收藏于温度低于 40°C 和小孩拿不到的地方。

### 注：

存放锂离子电池

在存放前请确保电池已完全充电。

## 中文

电池在低电量的状态下长时间存放(3个月或更长),可能会导致电池性能劣化,使用时间明显减少或无法进行充电。

但是,即使是使用时间明显减少的电池,通过反复充电和使用2~5次,有时也可恢复使用时间。

若反复充电和使用后电池的使用时间仍非常短,请认作为电池已达到了使用寿命并更换新的电池。

## 注意!

在操作和维修电动工具时,必须遵守贵国制定的安全的有关规则和标准。

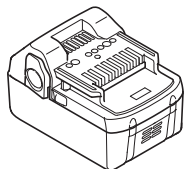
### 关于HiKOKI牌无线电动工具的重要通知:

请确保始终使用我们指定的正版电池。如果使用我们指定以外的电池,或对电池进行拆卸和改动(例如拆卸和更换电池组件或其他内部部件),那么我们无法保证我们无线电动工具的安全性和使用性能。

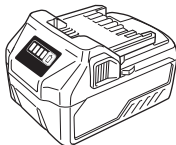
## 选择附件

根据特定作业选择适合的附件。

有关详细信息请联系HiKOKI授权服务中心。

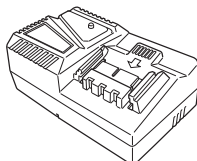


BSL18..

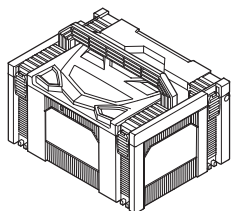


BSL36..18

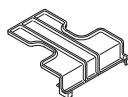
电池



UC18YFSL  
(14.4V-18V)  
充电器



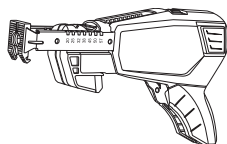
产品编号: 337108  
塑料盒



产品编号: 329897  
电池盖



产品编号: 378740  
内托盘



产品编号: 378858  
链带螺丝钉

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## GENERAL POWER TOOL SAFETY WARNINGS

### WARNING

**Read all safety warnings, instructions, illustrations and specifications provided with this power tool.**

*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.**

*The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.*

#### 1) Work area safety

- a) **Keep work area clean and well lit.**  
*Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**  
*Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.**  
*Distractions can cause you to lose control.*

#### 2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.**  
*Unmodified plugs and matching outlets will reduce risk of electric shock.*

## English

- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.**  
*There is an increased risk of electric shock if your body is earthed or grounded.*
- c) **Do not expose power tools to rain or wet conditions.**  
*Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool.**  
**Keep cord away from heat, oil, sharp edges or moving parts.**  
*Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.**  
*Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.**  
*Use of an RCD reduces the risk of electric shock.*

### 3) **Personal safety**

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool.**  
**Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.**  
*A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.**  
*Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.**  
*Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.**  
*A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.**  
*This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.**  
*Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.**  
*Use of dust collection can reduce dust-related hazards.*
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.**  
*A careless action can cause severe injury within a fraction of a second.*

**4) Power tool use and care**

- a) **Do not force the power tool. Use the correct power tool for your application.**  
*The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.**  
*Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.**  
*Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.**  
*Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.**  
*Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.**  
*Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.**  
*Use of the power tool for operations different from those intended could result in a hazardous situation.*
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.**  
*Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

**5) Battery tool use and care**

- a) **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.*
- b) **Use power tools only with specifically designated battery packs.**  
*Use of any other battery packs may create a risk of injury and fire.*
- c) **When 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.*
- d) **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.*

## English

- e) **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.*
  - f) **Do not expose a battery pack or tool to fire or excessive temperature.**  
*Exposure to fire or temperature above 130°C may cause explosion.*
  - g) **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.*
- 6) **Service**
- a) **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.*
  - b) **Never service damaged battery packs.**  
*Service of battery packs should only be performed by the manufacturer or authorized service providers.*

## CAUTION

Keep children and infirm persons away.

When not in use, tools should be stored out of reach of children and infirm persons.

## CORDLESS SCREW DRIVER SAFETY WARNINGS

1. **Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.**  
*Fasteners contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.*

## ADDITIONAL SAFETY WARNINGS

1. This is a portable tool for tightening and loosening screws. Use it only for these operation.
2. During operation, make sure to firmly hold the tool's handle. Failure to do so may result in injury. (Fig. 1)
3. Ensure that the spot where you wish to work is free of power cables, gas lines or water pipes (e.g. using a metal detector).
4. Smaller workpieces must be secured in such a way that they are not carried along with the bit (e.g. by clamping in a vice or on a work bench with screw clamps).
5. Do not keep the ventilation slots closed.

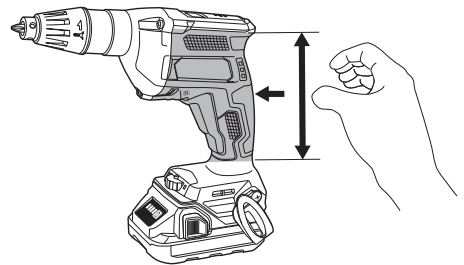


Fig. 1



6. **Never touch the moving parts.**  
Never place your hands, fingers or other body parts near the tool's moving parts.
7. **Make sure that the battery is installed firmly.** If it is at all loose it could come off and cause an accident.
8. **After installing the driver bit, pull lightly out the bit to make sure that it does not come loose.** If the bit is not installed properly, it can come loose during use, which can be dangerous.
9. **Screw in screws with the main unit held straight.**  
If the driver is slanted relative to the screw, the screw head can be damaged and the bit worn. Moreover, the prescribed torque is not transmitted to the screw, resulting in screws left sticking out. Place the drive straight against the screw and screw in.
10. **Use the prescribed screws.**  
Do not use any other screws. They can cause abnormal work (screws fallen over or sticking out) and break downs (screw jamming and bit wear).
11. **Watch out for wires and pipes in walls and ceilings.**  
When working on floors, walls, or ceilings, check for wires and pipes ahead of time. Work carefully to avoid shocks and explosions.
12. **Protect your eyes with protective glasses.**  
Always wear protective glasses while working. Drilling scatters plaster powder and tape dust, which are dangerous if they get into your eyes
13. **Use the earplugs if using for a long time.**
14. **The motor may stop in the event the tool is overloaded.** In this should occur, release the tool's switch and eliminate the cause of the overload.
15. **Do not touch the metal parts, as it gets very hot during continuous work.**
16. **The use of the battery in a cold condition (below 0 degree Centigrade) can sometimes result in the weakened tightening torque and reduced amount of work.** This, however, is a temporary phenomenon, and returns to normal when the battery warms up.
17. **Always use the tool and battery at temperatures between -5°C and 40°C.**
18. **Always charge the battery at a temperature of 0–40°C.**  
A temperature of less than 0°C will result in over charging which is dangerous. The battery cannot be charged at a temperature greater than 40°C.  
The most suitable temperature for charging is that of 20–25°C.
19. **Do not use the charger continuously.**  
When one charging is completed, leave the charger for about 15 minutes before the next charging of battery.
20. **Do not allow foreign matter to enter the hole for connecting the battery.**
21. **Never disassemble the battery and charger.**
22. **Never short-circuit the battery.**  
Short-circuiting the battery will cause a great electric current and overheat. It results in burn or damage to the battery.
23. **Do not dispose of the battery in fire.**  
If the battery burnt, it may explode.
24. **Do not insert object into the air ventilation slots of the charger.**  
Inserting metal objects or inflammables into the charger air ventilation slots will result in electrical shock hazard or damaged charger.

## English

25. Bring the battery to the shop from which it was purchased as soon as the post-charging battery life becomes too short for practical use. Do not dispose of the exhausted battery.
26. Do not use the product if the tool or the battery terminals (battery mount) are deformed.  
Installing the battery could cause a short circuit that could result in smoke emission or ignition.
27. Keep the tool's terminals (battery mount) free of swarf and dust.
  - Prior to use, make sure that swarf and dust have not collected in the area of the terminals.
  - During use, try to avoid swarf or dust on the tool from falling on the battery.
  - When suspending operation or after use, do not leave the tool in an area where it may be exposed to falling swarf or dust.  
Doing so could cause a short circuit that could result in smoke emission or ignition.

## CAUTION ON LITHIUM-ION BATTERY

To extend the lifetime, the lithium-ion battery equips with the protection function to stop the output.

In the cases of 1 to 3 described below, when using this product, even if you are pulling the switch, the motor may stop. This is not the trouble but the result of protection function.

1. When the battery power remaining runs out, the motor stops.  
In such case, charge it up immediately.
2. If the tool is overloaded, the motor may stop. In this case, release the switch of tool and eliminate causes of overloading. After that, you can use it again.
3. If the battery is overheated under overload work, the battery power may stop. In this case, stop using the battery and let the battery cool. After that, you can use it again.

Furthermore, please heed the following warning and caution.

## WARNING

In order to prevent any battery leakage, heat generation, smoke emission, explosion and ignition beforehand, please be sure to heed the following precautions.

1. Make sure that swarf and dust do not collect on the battery.
  - During work make sure that swarf and dust do not fall on the battery.
  - Make sure that any swarf and dust falling on the power tool during work do not collect on the battery.
  - Do not store an unused battery in a location exposed to swarf and dust.
  - Before storing a battery, remove any swarf and dust that may adhere to it and do not store it together with metal parts (screws, nails, etc.).
2. Do not pierce battery with a sharp object such as a nail, strike with a hammer, step on, throw or subject the battery to severe physical shock.
3. Do not use an apparently damaged or deformed battery.
4. Do not use the battery for a purpose other than those specified.

5. If the battery charging fails to complete even when a specified recharging time has elapsed, immediately stop further recharging.
6. Do not put or subject the battery to high temperatures or high pressure such as into a microwave oven, dryer, or high pressure container.
7. Keep away from fire immediately when leakage or foul odor are detected.
8. Do not use in a location where strong static electricity generates.
9. If there is battery leakage, foul odor, heat generated, discolored or deformed, or in any way appears abnormal during use, recharging or storage, immediately remove it from the equipment or battery charger, and stop use.
10. Do not immerse the battery or allow any fluids to flow inside. Conductive liquid ingress, such as water, can cause damage resulting in fire or explosion. Store your battery in a cool, dry place, away from combustible and flammable items. Corrosive gas atmospheres must be avoided.

## CAUTION

1. If liquid leaking from the battery gets into your eyes, do not rub your eyes and wash them well with fresh clean water such as tap water and contact a doctor immediately. If left untreated, the liquid may cause eye-problems.
2. If liquid leaks onto your skin or clothes, wash well with clean water such as tap water immediately.  
There is a possibility that this can cause skin irritation.
3. If you find rust, foul odor, overheating, discolor, deformation, and/or other irregularities when using the battery for the first time, do not use and return it to your supplier or vendor.

## WARNING

If an electrically conductive foreign object enters the terminals of the lithium ion battery, a short-circuit may occur resulting in the risk of fire. Please observe the following matters when storing the battery.

- Do not place electrically conductive cuttings, nails, steel wire, copper wire or other wire in the storage case.
- Either install the battery in the power tool or store by securely pressing into the battery cover until the ventilation holes are concealed to prevent short-circuits (See Fig. 2).

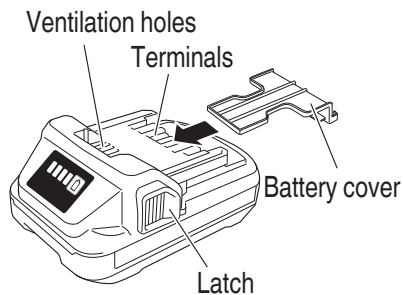


Fig. 2

## REGARDING LITHIUM-ION BATTERY TRANSPORTATION

When transporting a lithium-ion battery, please observe the following precautions.

### WARNING

Notify the transporting company that a package contains a lithium-ion battery, inform the company of its power output and follow the instructions of the transportation company when arranging transport.

- Lithium-ion batteries that exceed a power output of 100 Wh are considered Dangerous Goods and will require special application procedures.
- For transportation abroad, you must comply with international law and the rules and regulations of the destination country.

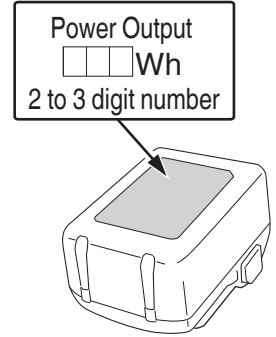





Fig. 3

## SYMBOL

### WARNING

The following show symbols used for the machine. Be sure that you understand their meaning before use.

	To reduce the risk of injury, user must read instruction manual.	$n_0$	No-load speed
	Direct current	/min	Oscillation per minute
V	Rated voltage		Warning

# NAME OF PARTS

## 1. POWER TOOL

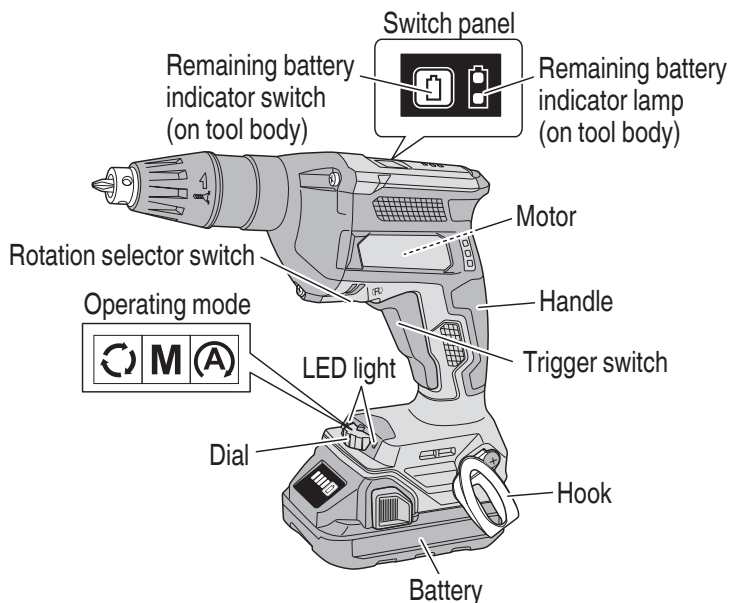
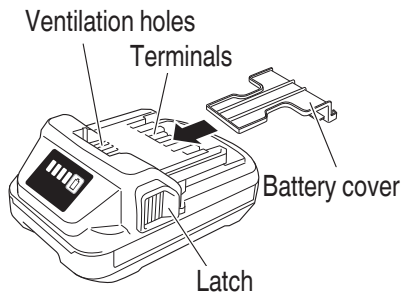


Fig. 4

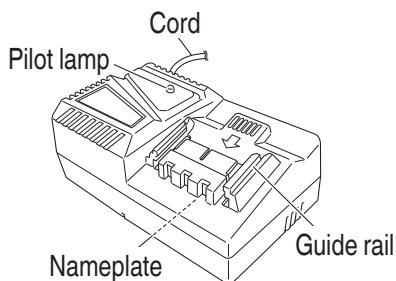
## 2. Battery (Optional accessories)



<BSL1820M>

Fig. 5

## 3. Battery Charger (Optional accessories)



<UC18YFSL>

Fig. 6

## SPECIFICATIONS

### POWER TOOL

Model	W18DA	W18DB
Voltage	18 V	
No-load speed	0–5000 /min	0–3000 /min
Screw size	4 mm	
Bit shank size	6.35 mm Hex.	
Battery	BSL1820M: Li-ion 18 V (2.0 Ah 5 cells)	
Weight	1.4 kg (BSL1820M attached)	1.5 kg (BSL1820M attached)

### CHARGER (sold separately)

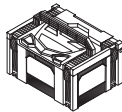
Model	UC18YFSL
Charging voltage	14.4 V–18 V
Weight	0.5 kg

## STANDARD ACCESSORIES

In addition to the main unit (1 unit), the package contains the accessories listed in the below.

Table 1

	W18DA (NNP)	W18DB (NNP)
Case	1	1



## SPECIFIED CONDITIONS OF USE

The tools are suitable for screwing into gypsum plasterboard on timber and metal substructures and gypsum fibre board up to 12.5 mm on metal substructures.

W18DB is also suitable for gypsum fibre board up to 12.5 mm on timber substructures and on lay plates, and for chipboard (OSB) on timber substructures.

The machines are not suitable for inserting and removing screws in metal materials.

The user bears sole responsibility for any damage caused by inappropriate use.

Generally accepted accident prevention regulations and the enclosed safety information must be observed.

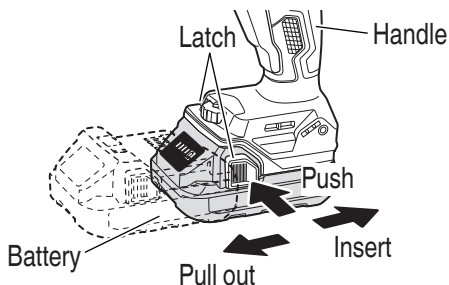
## BATTERY REMOVAL/INSTALLATION

1. Battery removal  
Hold the handle tightly and push the battery latch to remove the battery (see **Fig. 7**).

### CAUTION

**Never short-circuit the battery.**

2. Battery installation  
Insert the battery while observing its polarities (see **Fig. 7**).

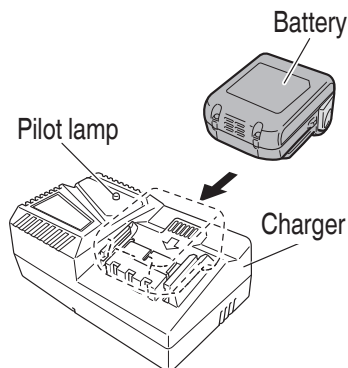


**Fig. 7**

## CHARGING

Before using the power tool, charge the battery as follows.

1. Connect the charger's power cord to the receptacle.  
When connecting the plug of the charger to a receptacle, the pilot lamp will blink in red (At 1-second intervals).
2. Insert the battery into the charger.  
Firmly insert the battery into the charger as shown in **Fig. 8**.
3. Charging.  
When inserting a battery in the charger, charging will commence and the pilot lamp will light continuously in red.  
When the battery becomes fully recharged, the pilot lamp will blink in red. (At 1-second intervals)  
(See **Table 2 on page 32**)








**Fig. 8**

## English

- Pilot lamp indication

The indications of the pilot lamp will be as shown in **Table 2**, according to the condition of the charger or the battery.

**Table 2**

Indications of the pilot lamp				
Pilot lamp (red)	Before charging	Blinks	Lights for 0.5 seconds. Does not light for 0.5 seconds. (off for 0.5 seconds) 	Plugged into power source
	While charging	Lights	Lights continuously 	/
	Charging complete	Blinks	Lights for 0.5 seconds. Does not light for 0.5 seconds. (off for 0.5 seconds) 	
	Overheat standby	Blinks	Lights for 1 second. Does not light for 0.5 seconds. (off for 0.5 seconds) 	Battery overheated. Unable to charge. (Charging will commence when battery cools)
	Charging impossible	Flickers	Lights for 0.1 seconds. Does not light for 0.1 seconds. (off for 0.1 seconds) 	Malfunction in the battery or the charger

- Regarding the temperatures and charging time of the battery.

The temperatures and charging time will become as shown in **Table 3**.

**Table 3**

Battery	Charger	UC18YFSL
Charging voltage	V	14.4-18
Weight	kg	0.5
Temperatures at which the battery can be recharged		0°C-50°C
Charging time for battery capacity, approx. (At 20°C)		
1.5 Ah	min	22
2.0 Ah	min	30
2.5 Ah	min	35
3.0 Ah	min	45
4.0 Ah	min	60
5.0 Ah	min	75
6.0 Ah	min	90
8.0 Ah	min	120
Number of battery cells		4-10

### NOTE

The recharging time may vary according to temperature and power source voltage.



**CAUTION**

**When the battery charger has been continuously used, the battery charger will be heated, thus constituting the cause of the failures. Once the charging has been completed, give 15 minutes rest until the next charging.**

4. Disconnect the charger's power cord from the receptacle
5. Hold the charger firmly and pull out the battery

**NOTE**

Be sure to pull out the battery from the charger after use, and then keep it.

**Regarding electric discharge in case of new batteries, etc.**

As the internal chemical substance of new batteries and batteries that have not been used for an extended period is not activated, the electric discharge might be low when using them the first and second time. This is a temporary phenomenon, and normal time required for recharging will be restored by recharging the batteries 2-3 times.

**How to make the batteries perform longer.**

- (1) Recharge the batteries before they become completely exhausted.  
When you feel that the power of the tool becomes weaker, stop using the tool and recharge its battery. If you continue to use the tool and exhaust the electric current, the battery may be damaged and its life will become shorter.
- (2) Avoid recharging at high temperatures.  
A battery will be hot immediately after use. If such a battery is recharged immediately after use, its internal chemical substance will deteriorate, and the battery life will be shortened. Leave the battery and recharge it after it has cooled for a while.

**CAUTION**

- **If the battery is charged while it is heated because it has been left for a long time in a location subject to direct sunlight or because the battery has just been used, the pilot lamp of the charger lights for 1 second, does not light for 0.5 seconds (off for 0.5 seconds). In such a case, first let the battery cool, then start charging.**
- **When the pilot lamp flickers (at 0.2-second intervals), check for and take out any foreign objects in the charger's battery connector. If there are no foreign objects, it is probable that the battery or charger is malfunctioning. Take it to your authorized Service Center.**
- **If the pilot lamp does not blink in red (every second) even though the charger cord is connected to the power, it indicates that the protection circuit of the charger may be activated.  
Remove the cord or plug from the power and then connect it again after 5 minutes or so. If this does not cause the pilot lamp to blink in red (every second), please take the charger to the HiKOKI Authorized Service Center.**

**PRIOR TO OPERATION**

Check the work area to make sure that it is clear of debris and clutter.  
Clear the area of unnecessary personnel. Ensure that lighting and ventilation is adequate.

## HOW TO USE

Installation of hook

The hook may be screwed into place on the left or the right (see **Fig. 4 on page 29**).

## USE

1. Setting the direction of rotation, engaging the transporting safety device (switch-on lock)

### CAUTION

**Only activate the rotation selector switch when the motor has completely stopped.**

See **Fig. 4 on page 29**

**R** = Clockwise setting

**L** = Anti-clockwise setting

**0** = Centre position: with the transporting safety device engaged (switch-on lock)

2. Selection operating mode, switch on / off  
Set the required operating mode on the dial. (see **Fig. 4 on page 29**).

### NOTE

When the motor is running, the spindle does not start until the spindle is pushed in.

**M** **Manual mode**  
Switch on: press the trigger switch. Press in the trigger to increase the rotational speed.  
To switch off release the trigger switch.

**(A)** **Automatic mode**  
The tool starts automatically when the spindle is pushed in. This facilitates convenient work. In order to enable automatic mode, briefly press the trigger switch.

### NOTE

The tool switches to sleep mode after 15 minutes without use. To activate again: press the trigger switch briefly.

### WARNING

**Risk of injury from inadvertent automatic machine start-up. In automatic mode, do not touch any rotating parts such as spindle, bit or magnetic bit holder.**

**(C)** **Impulse mode**  
Protruding screws can be precisely countersunk using this function. Press trigger switch and countersink the screw with the attached stopper. To switch off release the trigger switch.

### NOTE

- If the amount of protrusion of the screw is small, the screw may not tighten.
- In that case, remove the stopper and make adjustments in Manual mode.

## 3. Changing bit

**WARNING**

**Prevent inadvertent starting: Set manual mode and remove battery from the tool before performing any retooling.**

## Inserting and removing the bit (Fig. 9)

- Remove the stopper.
- **Insert:** Insert the bit in the magnetic bit holder.
- **Remove:** Pull the bit from the magnetic bit holder using pliers.
- Attach the stopper again: turn and engage in position when mounted.

**NOTE**

The magnetic bit holder may be removed from the spindle if the sleeve is pulled back.

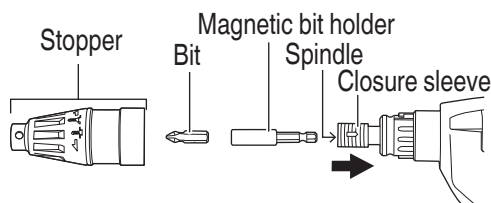


Fig. 9

## 4. Working with stopper (Fig. 10)

The depth of screw can be set by turning the setting sleeve. On rotation of the knurled screw corresponds to a drill depth of around 1.5 mm.

Adjust the setting sleeve so that the screw head is approx. 2 mm outside the stop sleeve when applying the screw.

Insert a screw as a test. Correct the screw depth if necessary.

**CAUTION**

**When screwing in crosshead screws, press the machine with the bit firmly against the screw until the screw is fully inserted; otherwise the bit could slip out of the cross recess and damage the material.**

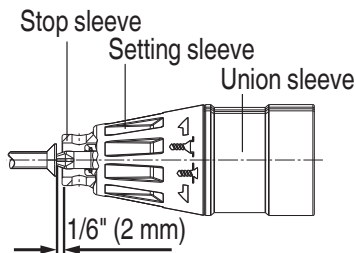





Fig. 10

# English

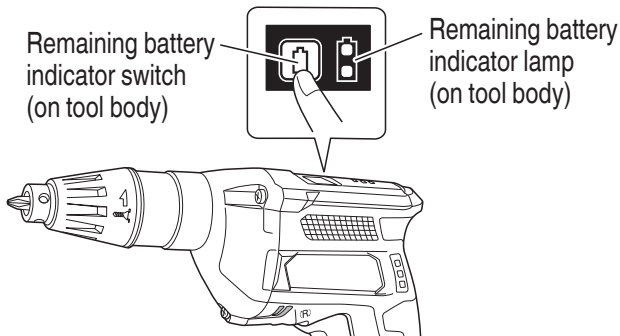
## 5. About Remaining Battery Indicator (on tool body)

When pressing the remaining battery indicator switch, the remaining battery indicator lamp lights and the battery remaining power can be checked. (Fig. 11) When releasing your finger from the remaining battery indicator switch, the remaining battery indicator lamp goes off. The Table 4 shows the state of remaining battery indicator lamp and the battery remaining power.

**Table 4**

State of lamp	Battery Remaining Power
	The battery remaining power is enough.
	The battery remaining power is a half.
	The battery remaining power is nearly empty. Re-charge the battery soonest possible.

As the remaining battery indicator shows somewhat differently depending on ambient temperature and battery characteristics, read it as a reference.



**Fig. 11**

### NOTE

- When using a battery with a remaining battery indicator, please refer to the indicator lamp on the battery for the battery remaining power.
- Do not give a strong shock to the switch panel or break it. It may lead to a trouble.
- To save the battery power consumption, the remaining battery indicator lamp lights while pressing the remaining battery indicator switch.

6. Remaining battery indicator (on battery)  
You can check the battery's remaining capacity by pressing the remaining battery indicator switch to light the indicator lamp.  
(Fig. 12, Table 5)

The indicator will shut off approximately 3 seconds after the remaining battery indicator switch is pressed.

It is best to use the remaining battery indicator as a guide since there are slight differences such as ambient temperature and the condition of the battery.

Also, the remaining battery indicator may vary from those equipped to a tool or charger.

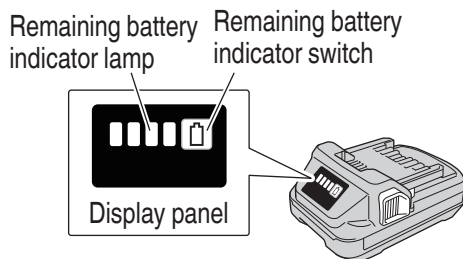


Fig. 12

Table 5

State of lamp	Battery Remaining Power
	Lights ; The battery remaining power is over 75%
	Lights ; The battery remaining power is 50%–75%.
	Lights ; The battery remaining power is 25%–50%.
	Lights ; The battery remaining power is less than 25%
	Blinks ; The battery remaining power is nearly empty. Recharge the battery soonest possible.
	Blinks ; Output suspended due to high temperature. Remove the battery from the tool and allow it to fully cool down.
	Blinks ; Output suspended due to failure or malfunction. The problem may be the battery so please contact your dealer.

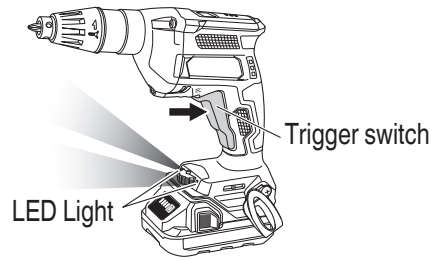
As the remaining battery indicator shows somewhat differently depending on ambient temperature and battery characteristics, read it as a reference.

#### NOTE

Do not give a strong shock to the switch panel or break it. It may lead to a trouble.

## English

7. How to use the LED light (**Fig. 13**)  
 The LED light will light the area at the tip of the tool when the switch is drawn.  
 The LED light will automatically power off 10 seconds after the switch is released.



**Fig. 13**

### CAUTION

- **Do not expose directly your eye to the light by looking into the light. If your eye is continuously exposed to the light, your eye will be hurt.**
  - **Wipe off any dirt or grime attached to the lens of the LED light with a soft cloth, being careful not to scratch the lens. Scratches on the lens of the LED light can result in decreased brightness.**
8. LED light warning signals  
 This product features functions that are designed to protect the tool itself as well as the battery.  
 If any of the safeguard functions are activated during operation, the LED light will blink three times. (See **Table 6**)  
 In this case, follow the instructions described under corrective action.  
 After performing the corrective action, if the product does not operate when the trigger switch is pulled (or if the LED light blinks), remove the battery, wait for about 10 seconds, then insert the battery again.

**Table 6**

Safeguard Function	LED Light Display	Corrective Action
Overload Protection	Blinks three times ■ ■ ■	Remove the cause of the overloading.
Temperature Protection		Allow the tool and battery to thoroughly cool.

## OPERATIONAL CAUTIONS

Resting the unit after continuous work

After use for continuous bolt-tightening work, rest the unit for 15 minutes or so when replacing the battery. The temperature of the motor, switch, etc., will rise if the work is started again immediately after battery replacement, eventually resulting in burnout.

## MAINTENANCE AND INSPECTION

### WARNING

**To avoid serious accident, ensure the switch is in the OFF position, and pull out the battery.**

1. Inspecting the bit  
Using a broken bit or one with a worn out tip is dangerous because the bit can slip. Replace it.
2. Clean stiff stopper  
If the depth setting is stiff, the stopper can be dismantled without using tools. To do this, turn the setting sleeve clockwise until it becomes loose from the union sleeve. Twist out the stop sleeve and clean thread.

### NOTE

- Only clean or vacuum mechanically. Do not use oils or greases.
  - Regularly remove and clean the stopper
3. Inspecting the mounting screws  
Regularly inspect all mounting screws and ensure that they are properly tightened. Should any of the screws be loose, retighten them immediately. Failure to do so may result in serious hazard.
  4. Maintenance of the motor  
The motor unit winding is the very “heart” of the power tool.  
Exercise due care to ensure the winding does not become damaged and/or wet with oil or water.
  5. Inspection of terminals (tool and battery)  
Check to make sure that swarf and dust have not collected on the terminals.  
On occasion check prior, during and after operation.

### CAUTION

**Remove any swarf or dust which may have collected on the terminals.  
Failure to do so may result in malfunction.**

6. Cleaning of the outside  
When the power tool is stained, wipe with a soft dry cloth or a cloth moistened with soapy water. Do not use chloric solvents, gasoline or paint thinner, as they melt plastics.  
Particles may become deposited inside the power tool during operation. This impairs the cooling of the power tool. The power tool should be cleaned regularly, often and thoroughly through all front and rear air vents using a vacuum cleaner. Prior to this operation, separate the power tool from the power source and wear protective goggles and a dust mask.
7. Environmental protection  
Observe national regulations on environmentally compatible disposal and on the recycling of disused machines, packaging and accessories.

## English

### 8. Storage

Store the impact driver in a place in which the temperature is less than 40°C, and out of reach of children.

### **NOTE**

#### Storing Lithium-ion Batteries

Make sure the batteries have been fully charged before storing them.

Prolonged storage (3 months or more) of batteries with a low charge may result in performance deterioration, significantly reducing battery usage time or rendering the batteries incapable of holding a charge.

However, significantly reduced battery usage time may be recovered by repeatedly charging and using the batteries two to five times.

If the battery usage time is extremely short despite repeated charging and use, consider the batteries dead and purchase new batteries.

### **CAUTION**

**In the operation and maintenance of power tools, the safety regulations and standards prescribed in each country must be observed.**

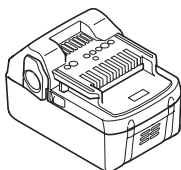
#### **Important notice on the batteries for the HiKOKI cordless power tools**

Please always use one of our designated genuine batteries. We cannot guarantee the safety and performance of our cordless power tool when used with batteries other than these designated by us, or when the battery is disassembled and modified (such as disassembly and replacement of cells or other internal parts).

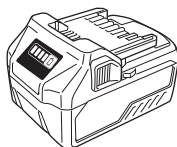


## SELECTING ACCESSORIES

Select accessories that are suited to a specific task.  
For details contact HiKOKI Authorized Service Center.

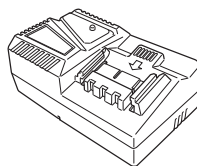


BSL18..

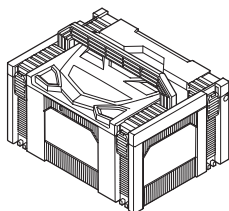


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Battery

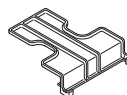


UC18YFSL  
(14.4 V-18 V)  
Charger



Part Number: 337108

Case



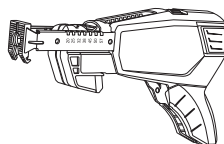
Part Number: 329897

Battery cover



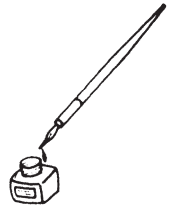
Part Number: 378740

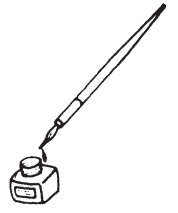
Inner tray



Part Number: 378858

Collated Screwdriver Magazine





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