

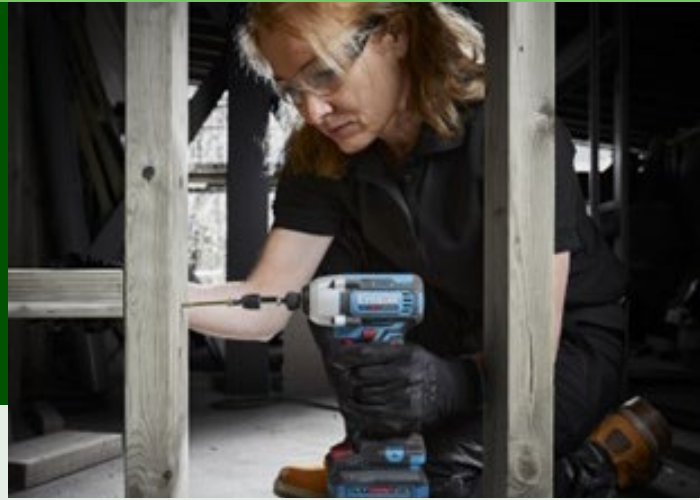


Extending product
life cycles*

Kingfisher

Fact sheet:

Power tools



What it means to choose a Green Star product
Products marked with the Green Star are designed to help customers identify items within our ranges with a focus on reducing environmental impacts. Customers can use the information provided to filter and understand more about the products they're interested in or have purchased.

Why power tools matter

Power tools are used for many home improvement projects by both DIY customers and professionals. They are made from a variety of materials including metals and plastics.

Although most power tools are used for a short period of time, they still use electricity so energy efficiency should be considered. For tools used for longer periods of time, like lawn mowers, or every day by tradespeople, energy efficiency is even more important.

Cordless tools are becoming increasingly popular. Batteries are often sold with these tools, but many brands are developing modular ranges where one battery can be shared. When assessing the life cycle of a cordless drill, Kingfisher found that one of the largest impacts of the tool's manufacture arose from the battery and charger. Lithium, used in most modern power tool batteries, has a high carbon footprint and has been linked to high water use and pollution.

The green star criteria for power tools are based on improving the use phase of the lifecycle so that power tools have a longer life. There are also green star criteria for power tools designed to work with shared batteries. Both indoor and outdoor power tools are covered by these criteria.

Brushless motors are more efficient than brushed. In a brushed motor, friction creates heat and results in less energy being transferred to the motor. Less friction in a brushless motor means that more energy is transferred to driving the motor. This can mean more usage time between charges. The lower temperature also helps to extend a tool's durability, as it's less wear on the components.

Please note that there are also green star criteria for power tools in the factsheets for refurbished tools and tool rental.

Criteria 1:

How we assess Green Star products



Every product should meet:

- All relevant legal requirements**
- All Kingfisher policy requirements**

[You can access the Kingfisher policies here](#). These include Human Rights, Supply Chain Workplace Standards and Sustainable Packaging.

Products are also checked against a Watch List. The watch list contains several criteria or features, relevant to the product type, that if present disqualify the product from being marked with a green star. The relevant Watch List can be found at the end of this factsheet. The Watch List is reviewed and revised annually.

Life cycle assessments have not been completed for every green star product, but by employing policies and the Watch List Criteria in Kingfisher's Sustainable Home Product Guidelines, many factors in the life cycle of a product are considered.

The green star "power tools" assessment focuses on the in-use phase of the product's life cycle. This is where the product can bring the biggest benefit to the user across its utilisation, however green star excludes products that may have other environmental aspects that are harmful either as a result of manufacture or end of life disposal.

Criteria 2:

Green star programme entry



The green star 'Power Tool' assessment is based on a product meeting one of the following criteria:

- **Having a brushless motor.**
and/or
- **Shared batteries:**
 - Cordless electrical power tools that are sold without a battery, i.e. as "bare" or "naked".

Providing Criteria 1 and 2 have been met, a product can be highlighted with the Green Star.

Reviewing and confirming Green Star status

- ✔ All products nominated are assessed internally by our sustainability team and submitted to NGO Bioregional for external validation. Assessments and validation aim to establish if a product meets Criteria 1 and 2. To find out more about NGO Bioregional, [click here](#)
- ✔ Once the external review is conducted, the product can then be confirmed and marked with the Green Star.
- ✔ A full review is conducted annually to ensure all products continue to meet the selection criteria.



Watch List Criteria relevant to power tools

These criteria specify features of products that make them unsuitable for Green Star assessment:

- ✘ Products supplied with single-use disposable batteries
- ✘ Components made from paper or wood that do not meet Kingfisher's Forest Positive policy
- ✘ Recycled plastic products where the source of the plastic is not known and/or cannot be confirmed as being safe
- ✘ Tools with a L'Indice de Réparabilité (Repairability Index) score of six or lower. This scheme, introduced by the French Government, aims to increase repairability by setting out clear requirements for product classes, scoring every product out of 10. Lawn mowers and pressure washers on sale in France must be assessed, and it is expected that more products will be added to the scheme.
- ✘ Products where the packaging contains PVC or expanded polystyrene.
- ✘ Products or components of products with chrome VI plating.
- ✘ Products containing palm oil, cotton, rubber or leather with no evidence that the materials have been responsibly sourced.

Checked July 2025.

