

# W SMART SYSTEM TECHNICAL FACTSHEET

## Overview

W Smart is a highly innovative battery-operated integral blind system designed to provide a motorised solution which is easy to install.

It is most suitable for windows and doors featuring a single insulating glass unit (IGU) or in projects featuring between 1-4 units, such as for a set of French doors.

W Smart's batteries require recharging using the micro-USB lead connected to a regular socket from time-to-time. A mains charging boost will typically be required every 1-3 months, depending on use, although some customers have found the charge to last indefinitely – more details below.

An optional solar panel is available to help boost battery recharging but this will not replace the need for occasional recharging from the mains. The reason for this is due to the relatively low levels of sunlight in the vast majority of the UK, meaning that the solar panel alone is highly unlikely to meet the charging needs of the batteries in order to maintain W Smart's functionality.

So, it is important to remember that, if you do choose the optional photovoltaic panel for W Smart, sunlight will not meet 100% of the battery charging needs. And pairing the system to a remote control device can also result in the batteries discharging more quickly.

## Frequency of W Smart battery recharging using the micro-USB cable

Based on typical usage of 1 raise/lower cycle per day for an average sized W Smart integral blind, you can expect the following battery life depending on your specification and how much sunlight the window or door is exposed to. If these mains charging frequencies are unsuitable for your windows and doors, or if you require a group of more than four integral blinds for a property, why not take a look at our hard-wired, fully motorised MB System?

W Smart specification	Frequency of charging
No remote control device or solar panel	Approx. every 3 months
Paired with a remote control device, but no solar panel	Approx. every 1 month
Paired with a solar panel, but no remote control device	From approx. every 3 months to never
Paired with a solar panel + a remote control device	From approx. every 1 month to never

## Got any further technical queries?

Please take a look at our FAQs below to get answers to the most common questions relating to the W Smart System.

Or, if you have any questions about W Smart and how best to configure it for your project, please call us on **0113 277 8722** or email [sales@morleyglass.co.uk](mailto:sales@morleyglass.co.uk).

## W Smart System FAQs

### How do I charge up the battery module?

Simply connect the micro-USB cable supplied to a standard charger plug, such as the one you would use for your mobile phone, or any USB wall socket.

### How long does it take to recharge the battery?

1-3 hours.

### Does W Smart come with a remote-control device?

W Smart is supplied as standard with a stylish battery module featuring touch operated controls. A remote control device can be specified as an additional option.

### Will W Smart's solar panel work for my windows or doors?

The small photovoltaic panel is most effective on windows and doors which are likely to be exposed to strong, regular sunlight, such as a south or south-west elevation without overhanging trees. Where the windows or doors do not get regular sunlight, including elevations shaded by other buildings or trees, the solar panel option is not recommended.

### How does the W Smart System compare to the brushless motorised MB System?

Both the W Smart and MB Systems provide a motorised integral blind which is world-class functionally and aesthetically. But there are some important differences.

	W Smart	MB System
Is installed by a qualified electrician, hardwired?	No	Yes
Requires occasional battery recharging?	Yes	No
Recommended for windows or doors with 1-4 glazed units?	Yes	Yes
Recommended for windows or doors with 5+ glazed units?	No	Yes
Available in all colours?	Yes	Yes
Available in Venetian, pleated and pleated blackout styles?	Yes	Yes
Can be programmed to lower and raise in sequence?	No	Yes
Can be integrated with home automation systems?	No	Yes
Recommended for double and triple glazed units?	Yes	Yes

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