



# Motolux<sup>®</sup> Roller Blind Motors



# Technical Information

## Roller Blinds

Motolux rechargeable motors are the complete solution for motorising blinds where power is hard to get to or for customers that would like a rechargeable option. Featuring "Soft Start and Soft Stop" this motor has a total of 6 limits that can be set [Top, Bottom and Four Intermediate limits]. It is compatible with all Motolux Hand Held and Wall Mounted remotes as well as automated control via the Smart Hub.

The Motolux RF Mechanical Limit motor features a built in RF receiver that is compatible with all Motolux Hand Held and Wall Mounted remotes as well as automated control via the Smart Hub.

## Motor Technical Specs

	MT50 IRB1.8	MT50 IRB6.0	MT50 RF
<b>Item Code</b>	802343018	802323015	802142000
<b>Motor Length [mm]</b>	577mm	782mm	495mm
<b>Power Cable length [mm]</b>	N/A	N/A	240mm tail from motor Molex = 2m
<b>Charger</b>	USB-C charging cable 3m length 809932000-030 [Needs to be ordered seperately].	Plug-in charger for 6nm/18rpm IRB motor 802323015-CH [Needs to be ordered seperately].	3 Wires - active/neutral/earth
<b>Torque [NM]</b>	1.8Nm	6.0Nm	6Nm
<b>Speed</b>	25Rpm	18Rpm	28Rpm
<b>Limit Type</b>	Electronic [max 6 limits]	Electronic [max 6 limits]	Electronic [max 6 limits]
<b>Control method</b>	RF 433MHz	RF 433MHz	RF 433MHz
<b>Rated Voltage</b>	7.4V Rechargeable Lithium Battery	14.8V Rechargeable Lithium Battery	240 V AC
<b>Rated current</b>	1.1A	3.0A	485mA
<b>Tube Diameter</b>	50mm Tube	50mm & 65mm Tube	50mm & 65mm Tube
<b>Minimum blind width</b>	650mm	860	560mm
<b>Maximum blind width</b>	3000mm	3300	3300mm
<b>Maximum SQM</b>	9.0sqm*	12.8sqm*	19sqm*
<b>Special features</b>	Soft Start & Soft Stop Feature 6 limits [top, bottom snd 4 intermediate limits]	Soft Start & Soft Stop Feature 6 limits [top, bottom snd 4 intermediate limits]	Dry contact cable / RS485 Data cable available [on request]

**1.8NM**



**6.0NM**



**RF**



\*Based on fabric weight of 450gsm