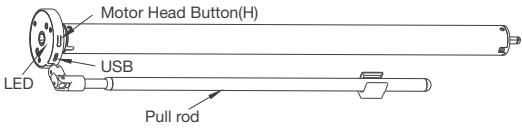


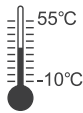
Plain-pull Motor with Smart Power by Twitchell (USB Charging)

User Manual

01 Product Info



Working temperature



Power Options



02 Caution!



1. This product is for indoor use only, do not use outdoor or in humid environments.
2. This motor has a built-in rechargeable Li-ion battery pack with integrated charge management. Max input voltage: 5V/2A.
3. Please charge it before using for the first time, make sure it is fully charged before first use
4. When the battery voltage is low, LED will flicker 8 times to give a low-voltage alarm when motor starts.
5. The motor will jog in operation, please do not proceed to the next step until it complete.
6. Please do not use motor when charging.
7. Upper&Lower limits cannot be set at the same position, limits saved even power off.
8. The motor runs constantly for at 6 mins max without any other operation.
9. Do not lift the motor by grabbing the rod.

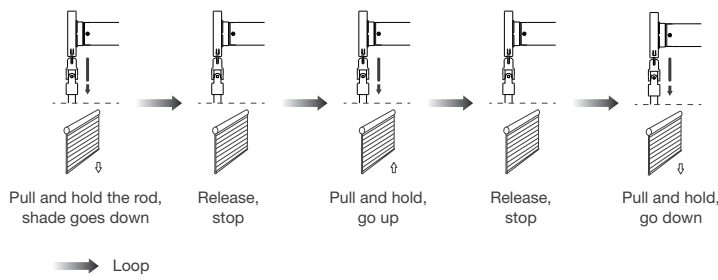
03 Instructions

Motor head button (H) functions

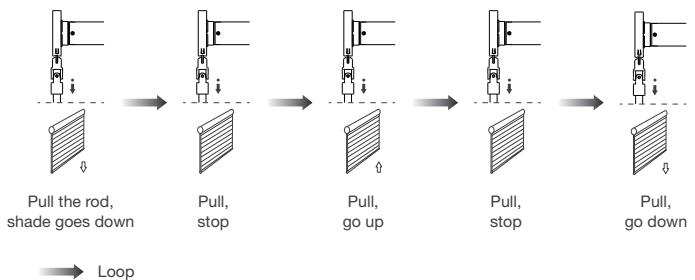
Functions	Operation	Jogging time	LED lamp flickers	Note
Control the UP/STOP/DOWN of the Shade	Short press	/	/	Can only operate after the limits are set and motor is not in sleep mode
Activate	Hold for 2s	Jog*1	Flicker*1	Operation needs be done within 10s
Sleep mode	Hold for 6s	Jog*2	Flicker*2	Hold H button for 6s, jog twice to show the motor RF control is inactive; Hold H button for 2s, the RF control is active again
Direction Reverse	Hold for 10s	Jog*3	Flicker*3	All settings saved alter direction reversed
Reset	Hold for 16s	Jog*4	Flicker*4	All settings deleted

a.Operation Instruction

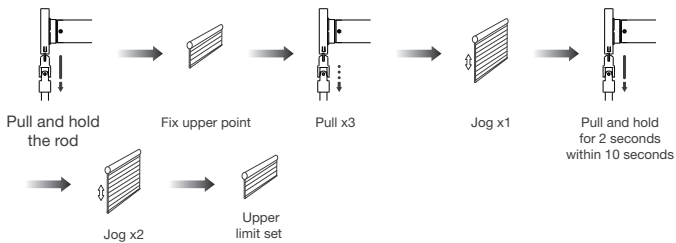
If the limits are not set



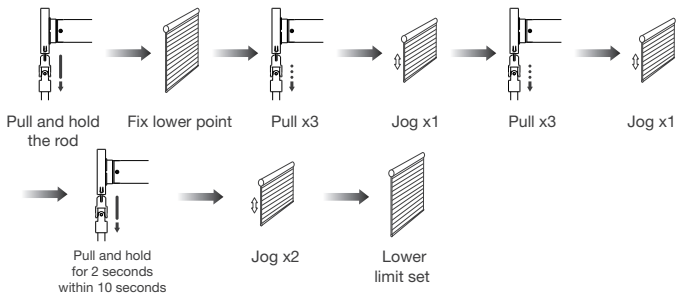
If limits are set



b.Upper Limits Setting

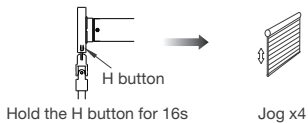


c.Lower Limits Setting



Note: Upper&Lower limits cannot be set at the same point.

d.Cancelling Limits (Factory Resetting)



Note: New limits only can be set after the original limits are cancelled.
Please remember to reactive the motor by pressing the H button for 2 seconds till the motor jogs once before setting the new limits

04 Troubleshooting

Fault	Cause	Solution
Motor does not work	1.Motor inactive 2.Low battery	1.Hold H button for 2s to activate motor 2.Charging
Motor stops suddenly	1.Upper & Lower limit set incorrectly 2.Shade exceed rated load 3.Low battery	1.Re-set Upper & Lower limits 2.Adjust load 3.Charging
LED flickers 8 times on motor head when motor starts	Low battery	Charging