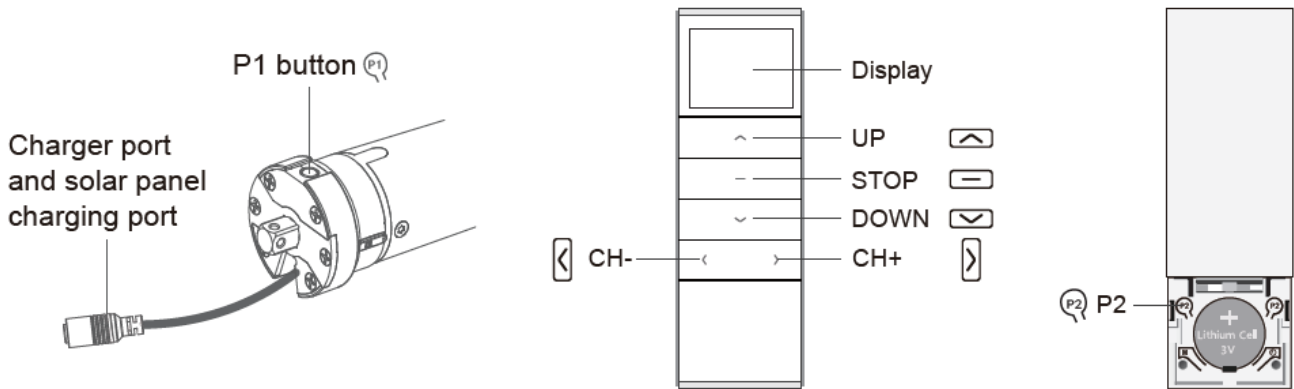# Dooya DM45LE/S LiOn Battery Powered Motor Programming

1. Programming the Motor to a Remote

P1 → STOP

P1   STOP

Press P1 button for 2S (1 jog), release button, within 10S, press STOP for 2S (2 jogs and 3 beeps), the motor has been paired successfully.

2. Switch Rotation

UP + DOWN

Press and hold UP and DOWN buttons simultaneously for 2S (1 jog and 1 beep), the direction has been switched successfully
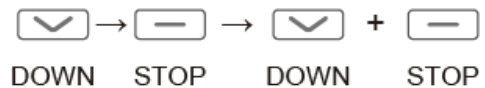
3. Setting Limits

Set upper limit

UP → STOP → UP + STOP

Press UP for 2S, operate the motor to desired upper limit position, press STOP, the motor stop running.
Press and hold UP and STOP buttons simultaneously for 2S (2 jogs and 3 beeps), upper limit is set.

Set lower limit

DOWN → STOP → DOWN + STOP

Press DOWN for 2S, operate the motor to desired lower limit position, press STOP, the motor stop running.
Press and hold DOWN and STOP buttons simultaneously for 2S (2 jogs and 3 beeps), lower limit is set.

4. Preferred Position

Set preferred position

P2 → STOP → STOP

Operate the screen to desired preferred position. Press P2 (1 jog and 1 beep), press STOP (1 jog and 1 beep), STOP again (2 jogs and 3 beeps), the preferred position is set.

Remove preferred position

P2 → STOP → STOP

Press P2 (1 jog and 1 beep), press STOP (1 jog and 1 beep), STOP again (1 jog and long beep once), the preferred position is deleted.

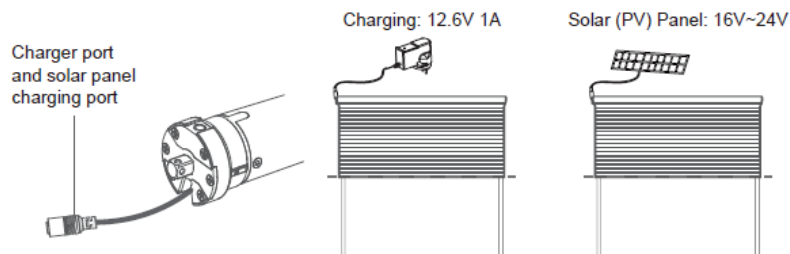# Dooya DM45LE/S LiOn Battery Powered Motor Programming

Functions of P1 button

1. Cycle Operation: Press P1 button once and every press the motor will run upward → stop → downward circularly.

2. Pairing or Pair / unpair Additional Emitter: Press P1 button for 2S, motor jog once, release button and long beep once, motor is ready for pairing or pair / unpair additional emitter.

3. Radio Lock: Press and hold P1 button for 6S, the motor will jog twice, release button and beep twice, the motor enters radio lock status, the motor won't receive any signal; press P1 button once to disable Radio Lock.

4. Switch Direction: Press and hold P1 button for 10S, the motor will jog 3 times, release button and beep 3 times, the running direction of the motor has been changed.

5. Reset to Factory Mode: Press and hold P1 button for 14S, the motor will jog 4 times, release button and beep 4 times, the motor has been reset to factory mode. At this point the motor will go into deep sleep. After entering deep sleep, the motor can't be controlled. At this time, you need to press P1 button for 2S and then the motor turns to prompt to exit deep sleep.

Quick Index

1	Pairing	P1 (hold down 2s) → Stop (hold down 2s)
2	Switch Rotation	Up + Down (hold down 2s)
3	Upper Limit	Up (hold down 2s) → Stop → Up + Stop (hold down 2s)
	Lower Limit	Down (hold down 2s) → Stop → Down + Stop (hold down 2s)
4	Add/Remove Preferred Limit	P2 → Stop → Stop
5	Adjust Limits UP	Up + Stop (hold down 5s) → Up or Down → Up + Stop (hold down 2s)
	DOWN	Down + Stop (hold down 5s) → Up or Down → Down + Stop (hold down 2s)
6	Pair Extra Remote	P2(remote A) → P2 (remote A) → P2(remote B)
		or Motor Head P1 (hold down 2s) → Stop (remote B) (hold down 2s)

Charging Notes

Charger port and solar panel charging port

Charging: 12.6V 1A

Solar (PV) Panel: 16V~24V

- This motor has a 12V built in Li-ion battery pack with integrated charge management.
- Maximum charger charging input: 12.6V 1A.
- During operation, motor will stop running when the voltage is lower than 8.0V and it will resume again when the voltage is greater than 8.5V.
- During operation, motor will stop buzzer sounds when the voltage is lower than 7.0V and it will resume again when the voltage is greater than 7.5V.
- When the motor is running continuously when the voltage is lower than 10V, the buzzer sounds 10 times.