



**Merlin®**  
the automatic choice

# SilentDrive® BBU



OR

**DOOR TYPES:** residential rolling garage doors **DOOR SIZE:** up to 18m<sup>2</sup>

## Key Benefits



**Compliant to Australian and New Zealand Standard AS/NZS 60335-2-95**



### Security+2.0

Transmitters communicate on multiple frequencies with encrypted rolling code. This ensures the strongest frequency is selected every time, virtually eliminating interference while providing the highest level of security.



### Up to 75% less energy\*

Advanced technology uses less than 1 watt of power whilst in standby mode, meeting the world's toughest energy standards.



### Quiet and Powerful Motor

The powerful and fast DC motor is quiet and built to last with the strength to open any branded domestic door.



### Improved Transmitter Range

Tested against other products, these transmitters have up to 18% better range which means you can start opening your garage door sooner.



### Soft Start / Stop Function

Designed to ensure smooth and quiet door operation.



### Works even when the power is out

Evercharge® Battery backup system ensures you can always operate your door even when there has been a power failure.



### 7 Year Warranty

Backed by a 7 year / 15,000 cycle warranty\*\* we stand behind our products with an after sales support team that we believe are the best in the industry.

## Standard Merlin Safety Features



### Premium Automatic Safety Reverse

With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop going up.



### Automatic Force Sensing

Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door.



### Manual Release

In case of power failure you can simply activate the manual release to open your garage door.

\*when compared to other available products \*\* conditions apply

## Kit Contents



1 x Powerhead



2 x Three channel key ring mini-transmitters E945M



Wireless wall button E128M



Wireless keypad E840M



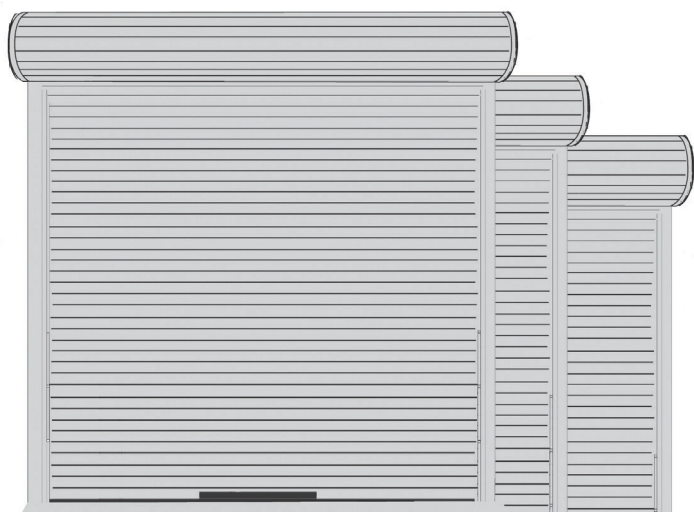
Battery backup unit with quick connect socket E475M



Weight bar

## SPECIFICATIONS

- 12V DC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area up to 18m<sup>2</sup>
- Drum rotations: 4.5
- Max door weight: up to 100kg
- Max peak pulling force: 550 N
- Minimum side room 45mm
- 433.30, 434.54, 433.92 MHz AM radio with Security+2.0 encrypted rolling code technology.
- Up to 64 memory registers
- Garage illumination: 12 premium ultrabright LEDs
- Noise rating 1M : 59DB



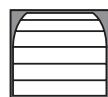
## DOOR SPECIFICATIONS

- Maximum lifting under spring tension = 20 Kgs
- Suitable for steel spring balanced doors

## DOOR OPENING AND CLOSING TIMES



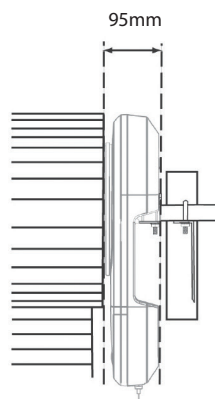
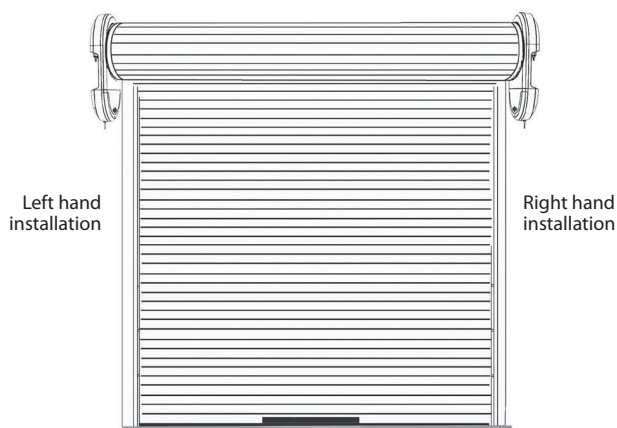
13 seconds



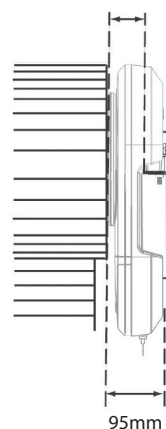
13 seconds  
(based on a 2.3m high door)

Door height: 4.5m, 3.0m, 2.3m Door width: 6.0m, 5.0m, 3.5m  
Single dwelling, max door weight: up to 100kg

## TYPICAL INSTALLATION



Minimum distance from  
edge of curtain to edge of  
door bracket 45mm



## OPTIONAL ACCESSORIES



Wall or visor mounted three  
channel transmitter  
E943M



Wall or visor mounted single  
channel transmitter  
E940M



Protector system  
safety beam sensors  
774ANZ

**CHAMBERLAIN®**

The World's Largest Manufacturer of Garage Door Openers

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