# CE25 External Battery Motor

Compact two-way 12 V radio motor for narrow roller and Montage™ shades

## 01 Technical specifications

| | | | |
|---|---|---|---|
| **Power supply** | 12 V DC | **Power source** | LC19-26 battery pack or 12 V transformer |
| **Rated torque** | 1.1 N·m | **Rated speed** | 28 rpm |
| **Rated current** | 1 A | **Rated power** | 12 W |
| **Length L1 / L2** | 344 / 326 mm | **Limit type** | Electronic |
| **Radio frequency** | 433.92 MHz, two-way | **Ingress protection** | IP20: indoor use only |
| **Working temperature** | 0 °C to 40 °C | **Minimum shade width** | 17″ |
| **Maximum shade width** | 90″ | | |

## 02 Features

### Built in

- ✓ Two-way radio, status feedback
- ✓ Reversible direction
- ✓ Stall protection
- ✓ Built-in receiver
- ✓ Multiple stop positions
- ✓ Speed regulation
- ✓ Jog mode
- ✓ P1 programming button
- ✓ Radio lock
- ✓ Compact body for narrow shades

### App control

- ✓ Battery check
- ✓ Percentage (position) control
- ✓ Status feedback
- ✓ Timer
- ✓ Radio signal indication
- ✓ Scenes
- ✓ Scan and program

Via the CBM Smart Network Bridge, Bond Bridge or Bond Bridge Pro.

## 03 Power and accessories

| | |
|---|---|
| **LC19-26 battery pack** | External lithium rechargeable battery pack, 12 V DC output, USB-C charging |
| **DC10MC charger** | USB-C charger, 5 V, 2 A, with 6′ cord, for the battery pack |
| **SP1288C solar panel** | Optional. Keeps the battery pack topped up (see PDS-SP1288C) |
| **12 V transformer** | 12 V DC power supply, as an alternative to the battery pack |

## 04 Remotes



**Handheld**
CBT15H 15-channel
CBT01H single channel
CBT05ST 5-channel, timer



**Surface mount**
CBT15S 15-channel
CBT5MT 5-channel, timer



**Wall mount**
CBT15W 15-channel

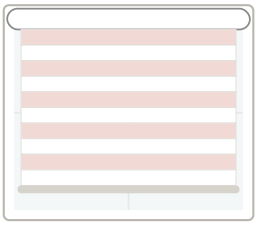


**Bond Sidekick**
Gen 2 or newer
5-channel
Wall or handheld

## 05 Applications



Roller shade, including narrow widths



Montage™ Designer Shade

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## 06 Dimensions and end gaps



L1: 13-9/16″ [344]
L2: 12-13/16″ [326]

| Mounting system | Brackets | Motor end | Pin end |
|---|---|---|---|
| **3″/4″ square fascia** | Brackets with covers | 11/16″ [17] | 5/8″ [16] |
| | Brackets without covers | 9/16″ [14] | 1/2″ [13] |
| **S90 wrap cassette** | — | 13/16″ [21] | 5/8″ [16] |
| **S95 cassette, E90 enclosure** | — | 15/16″ [24] | 3/4″ [19] |
| **Round cassette C100, square cassette** | — | 3/4″ [19] | 5/8″ [16] |
| **Open roll** | Open roll brackets (as chain drive) | 11/16″ [17] | 3/8″ [10] |

Gap per end between the finished width and the fabric. Inches [millimetres].

## 07 System capacity

Width across (inches, cm), drop down (inches, cm). Minimum width 17″, maximum width 90″. Calculated for a 1-1/2″ tube, with a 750 g/m² blackout fabric and bottom rail, at 90% of rated torque.

| in \ cm | | 18<br>45.7 | 24<br>61.0 | 30<br>76.2 | 36<br>91.4 | 42<br>106.7 | 48<br>121.9 | 54<br>137.2 | 60<br>152.4 | 66<br>167.6 | 72<br>182.9 | 78<br>198.1 | 84<br>213.4 | 90<br>228.6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **30** | 76.2 | | | | | | | | | | | | | |
| **36** | 91.4 | | | | | | | | | | | | | |
| **42** | 106.7 | | | | | | | | | | | | | |
| **48** | 121.9 | | | | | | | | | | | | | |
| **54** | 137.2 | | | | | | | | | | | | | |
| **60** | 152.4 | | | | | | | | | | | | | |
| **66** | 167.6 | | | | | | | | | | | | | |
| **72** | 182.9 | | | | | | | | | | | | | |
| **78** | 198.1 | | | | | | | | | | | | | |
| **84** | 213.4 | | | | | | | | | | | | | |
| **90** | 228.6 | | | | | | | | | | | | | |
| **96** | 243.8 | | | | | | | | | | | | | |
| **102** | 259.1 | | | | | | | | | | | | | |
| **108** | 274.3 | | | | | | | | | | | | | |
| **114** | 289.6 | | | | | | | | | | | | | |
| **120** | 304.8 | | | | | | | | | | | | | |

Within motor capacity  Exceeds motor capacity

## 08 Related documents

- LC19-26 battery pack instructions (EN-FR), Rev 1.0
- CE25 programming instructions (on request)
- PDS-SP1288C solar panel data sheet
- PDS-NB7006C Smart Network Bridge data sheet
- Roller-shade shop drawings, by mounting system