MOTORIZATION · DATA SHEET

CR25PW Pull Wand Motor

Rechargeable pull-wand motor for roller, Montage™ and Roman shades

01 Technical specifications

Battery	Built-in Li-ion, 2 cells	**Charging**	USB-C, 5 V DC, 2 A
Rated torque	1.1 N·m	**Rated speed**	20 / 28 rpm (low / high)
Rated current	0.75 A	**Rated power**	6.3 W
Running noise	35 dB	**Continuous run limit**	6 min
Length L1 / L2	485 / 477 mm	**Limit type**	Electronic, kept in memory
Ingress protection	IP20: indoor use only	**Control**	Pull wand, PROG button
Minimum shade width	22-1/2″		

02 Features

Built in

- ✓ Pull-wand operation
- ✓ Soft start and soft stop
- ✓ Preferred position
- ✓ Tilt mode
- ✓ Group (synchronized) running
- ✓ Anti-static
- ✓ Stall protection
- ✓ Low-battery protection
- ✓ Memorized limits
- ✓ Low power consumption
- ✓ Two speeds

Charging

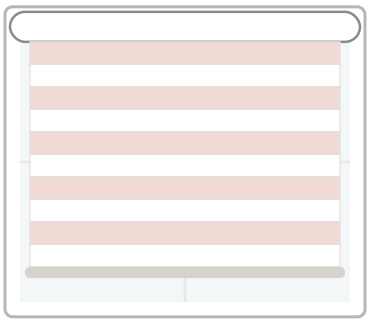
- ✓ USB-C charger, 5 V, 2 A (CBM DC10MC)
- ✓ Fast charging
- ✓ 5 V DC power bank
- ✓ Solar panel (optional)

A full charge lasts about 4 to 8 months, depending on use. Limits and settings stay in memory when the battery runs flat.

03 Applications



Roller shade



Montage™ Designer Shade



Roman shade

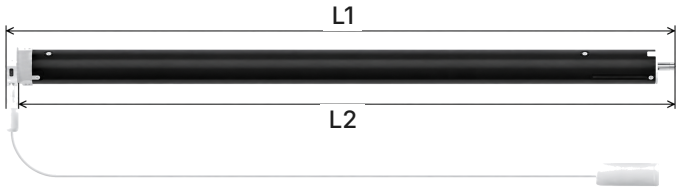
04 Controls and accessories

Retractable wand	Operates the shade: pull once or twice to choose the direction, pull and hold for 3 s to keep it moving.
Charging cable	USB-C, 3 m [118″].
Extension cable	USB-C, 200 mm [8″] or 2 m [79″], to bring the charging port within reach.
Solar panel	Optional. Keeps the battery topped up.

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05 Dimensions and end gaps



L1: 19-1/8″ [485]
L2: 18-3/4″ [477]

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].

06 System capacity

Width across (inches, cm), drop down (inches, cm). Minimum width 22-1/2″, 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		24 61.0	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
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

07 Related documents

- CR25PW programming instructions (EN-FR), Rev 1.0
- Roller-shade shop drawings, by mounting system