

PowerSmart™ Control System

For Faster, Easier & Smarter Automation!



PowerSmart™ is a unique and technologically advanced low voltage awning and blind control system with a built-in radio receiver and removable, rechargeable battery.

PowerSmart™ is an easier and smarter way to power awnings, blinds and other window furnishings with big battery capacity.

Suitable Applications

- Domestic & Commercial Windows.
- Domestic & Commercial Doorways.
- Commercial Shop Fronts.
- Single Windows or Bay Windows.

Features

- All-in-one 12V control system & battery.
- Built-in radio receiver & rechargeable battery.
- Operates independent of mains power.
- Easy & quick to install.
- No need for electricians.
- Removable & rechargeable Lithium Ion battery.
- Recharge LED warning light.
- Easy to recharge like a mobile phone.
- Can be recharged whilst in controller on wall, or battery can be easily removed & charged.
- Stylish design & easy to use controller.
- Remote control options available.
- Compatible with Sensi-Fire™ Wireless.
- 5 year Guarantee on motor.
- 1 year Guarantee on battery & controller.
- Designed in Australia.

* Warning: Not compatible with wind sensors. Not suitable for high wind applications where a wind sensor may be required.

Technical Specifications

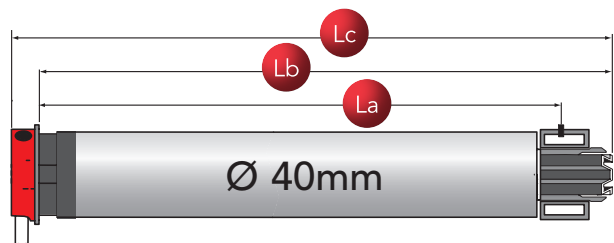
Minimum Width	500mm
Maximum Motor Torque	35Nm
PowerSmart Unit Size	84mm x 126mm x 37mm
Power Supply	12V
Battery Charge Time	3 hours approx
Fully Charged Expected Cycles	45-50 Cycles (average)
Radio Remote Frequency	433.4Mhz
Radio Remote Range	200m in free field



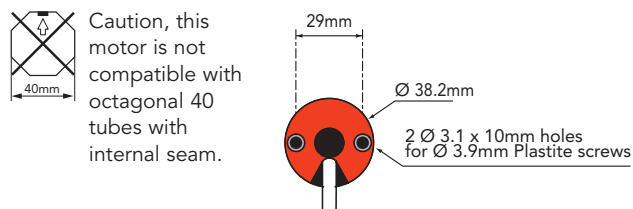
CW PRODUCTS
SHUTTER AND AUTOMATION SOLUTIONS

Awning & Blind Motorisation

PowerSmart™ SIMU T3.5 DC Motor Dimensions

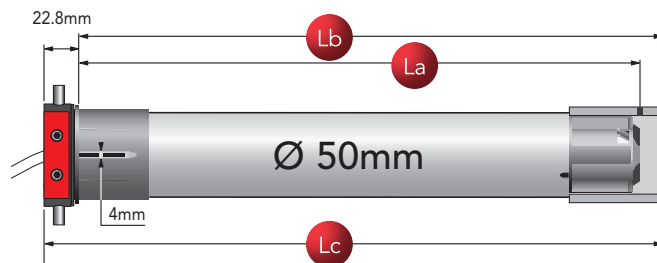


La : Length between the end and the drilling point of the tube
Lb : Adapted motor size in the tube **Lc** : Total motor length

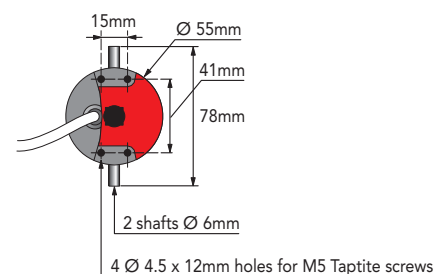


Torque	La	Lb	Lc
3Nm	335mm	359mm	373mm
6Nm	335mm	359mm	373mm
10Nm	335mm	359mm	373mm

PowerSmart™ SIMU T5 DC Motor Dimensions



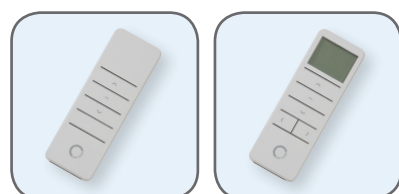
La : Length between the end and the drilling point of the tube
Lb : Adapted motor size in the tube **Lc** : Total motor length



Torque	La	Lb	Lc
14Nm	583mm	596mm	619mm
20Nm	585mm	598mm	621mm
35Nm	585mm	598mm	621mm

Two Remote Control Options

Transmitters are powered by a 3 Volt Lithium button battery.



1 Channel Transmitter

6 Channel Transmitter

Controller, Rechargeable Battery Pack & Switch

The PowerSmart™ Single Opening System includes a controller, removable battery and PowerSmart™ charger. The PowerSmart™ Bay Window or Multiple Opening System includes an additional 3-way switch.



Controller With Built-In Radio Receiver

Removable, Rechargeable Battery

Assembled Controller & Battery

Charger



PowerSmart Bay Window or Multiple Opening 3-Way Switch

* PowerSmart controllers must be installed in an indoor environment (for internal use only).

PowerSmart™ Kits

For Roller Blinds Only (Internal Mount Only)

Description	Product Code
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PowerSmart™ SIMU T3.5 DC 3Nm Kit

Includes Controller Cradle,
Removable Lithium Ion Battery
& 3Nm 12V DC Tubular Motor,
Mounting Brackets, Mounting
Screws, 1 x Tube Adaptor Set &
Motor Bracket
(Charger is optional)

30-950-810 (With Charger)
30-950-800 (Without Charger)



* Select suitable tube adaptor set and motor bracket from page 38.

PowerSmart™ SIMU T3.5 DC 6Nm Kit

Includes Controller Cradle,
Removable Lithium Ion Battery
& 6Nm 12V DC Tubular Motor,
Mounting Brackets, Mounting
Screws, 1 x Tube Adaptor Set &
Motor Bracket
(Charger is optional)

30-950-815 (With Charger)
30-950-805 (Without Charger)



* Select suitable tube adaptor set and motor bracket from page 38.

PowerSmart™ SIMU T3.5 DC 10Nm Kit

Includes Controller Cradle,
Removable Lithium Ion Battery
& 10Nm 12V DC Tubular Motor,
Mounting Brackets, Mounting
Screws, 1 x Tube Adaptor Set &
Motor Bracket
(Charger is optional)

30-950-811 (With Charger)
30-950-801 (Without Charger)



* Select suitable tube adaptor set and motor bracket from page 38.



Awning & Blind Motorisation

PowerSmart™ Kits

For Roller Blinds, Straight Drop/Wire Guide/Channel Awnings, Pivot Arm/Drop Arm Awnings & Folding Arm Awnings (Internal Mount Only)

Description	Product Code
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PowerSmart™ SIMU T5 DC 14Nm Kit

Includes Controller Cradle,
Removable Lithium Ion Battery
& 14Nm 12V DC Tubular Motor,
Mounting Brackets, Mounting
Screws, 1 x Tube Adaptor Set &
Motor Bracket
(Charger is optional)

30-950-812 (With Charger)
30-950-802 (Without Charger)



* Select suitable tube adaptor set and motor bracket from pages 39-41.

PowerSmart™ SIMU T5 DC 20Nm Kit

Includes Controller Cradle,
Removable Lithium Ion Battery
& 20Nm 12V DC Tubular Motor,
Mounting Brackets, Mounting
Screws, 1 x Tube Adaptor Set &
Motor Bracket
(Charger is optional)

30-950-813 (With Charger)
30-950-803 (Without Charger)



* Select suitable tube adaptor set and motor bracket from pages 39-41.

PowerSmart™ SIMU T5 DC 35Nm Kit

Includes Controller Cradle,
Removable Lithium Ion Battery
& 35Nm 12V DC Tubular Motor,
Mounting Brackets, Mounting
Screws, 1 x Tube Adaptor Set &
Motor Bracket
(Charger is optional)

30-950-814 (With Charger)
30-950-804 (Without Charger)



* Select suitable tube adaptor set and motor bracket from pages 39-41.

PowerSmart™ Additional Components & Accessories


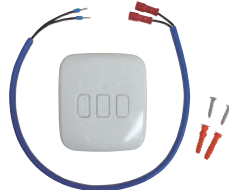

Description	Product Code	
PowerSmart™ Kit Includes Controller Cradle, Removable Lithium Ion Battery, Mounting Brackets, Mounting Screws (Charger is optional)	41-800-000 (With Charger) 41-800-001 (Without Charger)	 <p>Optional</p>
PowerSmart™ Controller Cradle & Bracket	41-800-100	
PowerSmart™ Lithium Ion Battery	41-800-200	
PowerSmart™ Charger 12V	41-800-300	
PowerSmart™ Mounting Bracket	41-800-140	
PowerSmart™ Wall Mounting Block For use with 16mm x 10mm conduit	41-800-141	
PowerSmart™ Remote Controls (Including Cradle) Optima 1 Channel Transmitter Optima 6 Channel Transmitter	41-600-001 41-600-006	
PowerSmart™ SIMU Motors T3.5 DC 3Nm (40mm), 23rpm 12V T3.5 DC 6Nm (40mm), 18rpm 12V T3.5 DC 10Nm (40mm), 12rpm 12V T5 DC 14Nm (50mm), 15rpm 12V T5 DC 20Nm (50mm), 12rpm 12V T5 DC 35Nm (50mm), 7rpm 12V	30-999-102 30-999-100 30-999-101 30-999-122 30-999-121 30-999-130	

* Select suitable tube adaptor set and motor bracket from pages 38-41.



Awning & Blind Motorisation

PowerSmart™ Additional Components & Accessories

Description	Product Code	
PowerSmart™ Motor Extension Cable		
5 Metre	41-800-400	
10 Metre	41-800-404	
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PowerSmart™ Bay Window 3-Way Switch Kit		
	41-800-401	
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PowerSmart™ Bay Window 3-Way Switch Extension Cable		
5 Metre	41-800-402	
10 Metre	41-800-403	
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