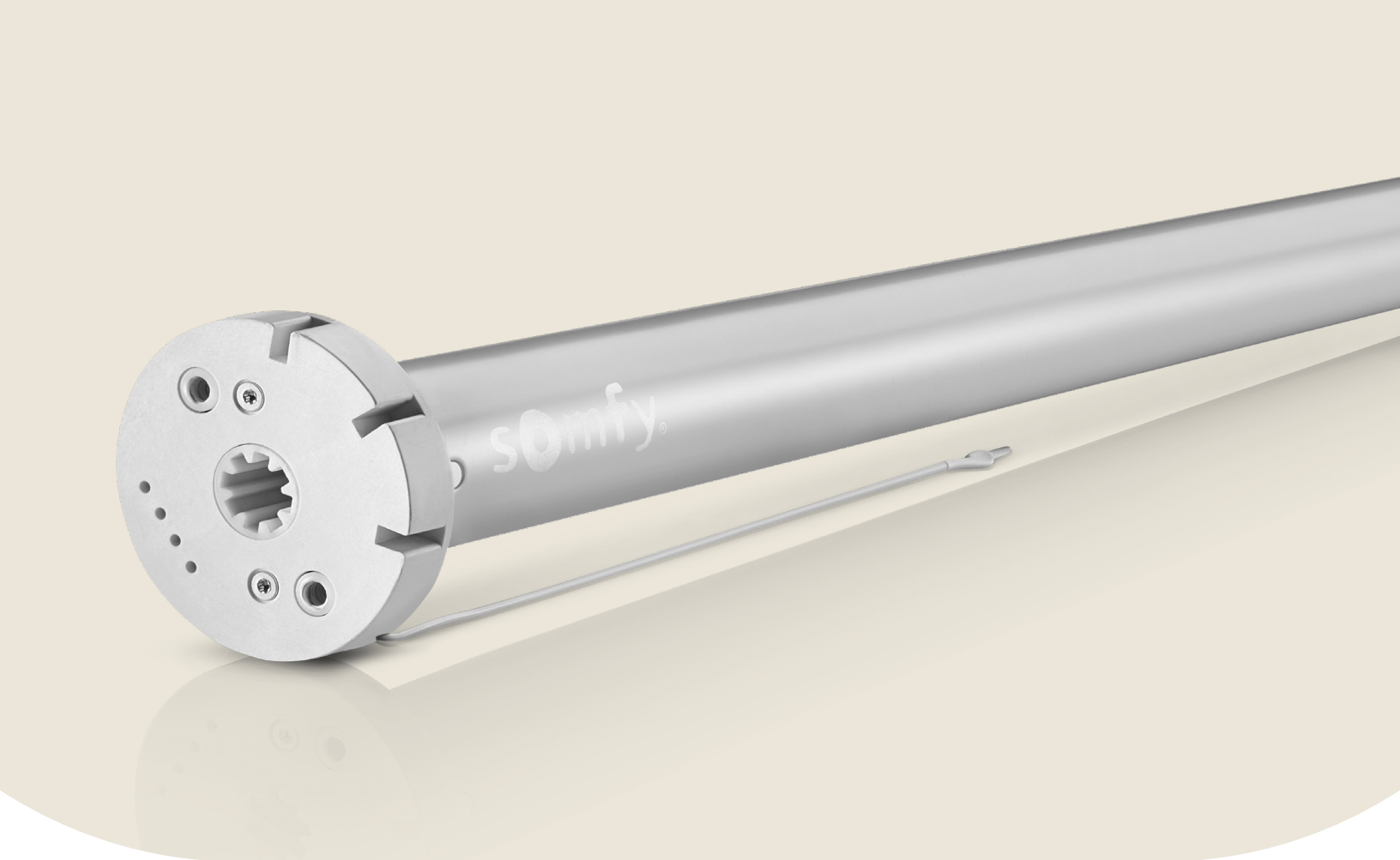




WireFree Databook



Conveniently WireFree

This document is a presentation of the motors, accessories, and specifications related to the wirefree motor range. It provides the technical information needed to order, fabricate, and sell battery-powered motors.

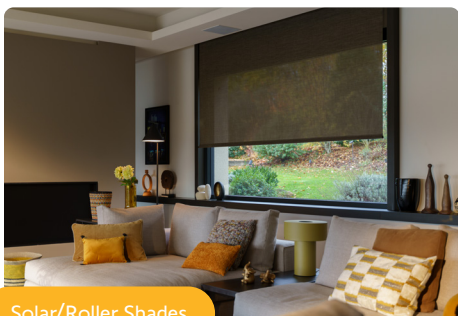
Somfy offers an innovative and simple line of completely battery-powered wirefree motors. These motors install in minutes and provide a perfect solution for hard-to-reach window coverings and offer solutions in areas where access to wiring may be a challenge. This allows users to create the best living environment with optimal natural light levels at the press of a button without the need for an electrician. The wirefree motors can be controlled using hand-held remotes, an app on a smart device, the sound of your voice, wireless wall switches, table top controls, sensors, timers, and third-party automation systems.



Zigbee®: A comfort-driven ecosystem of smart shading products featuring real-time, bi-directional communication.



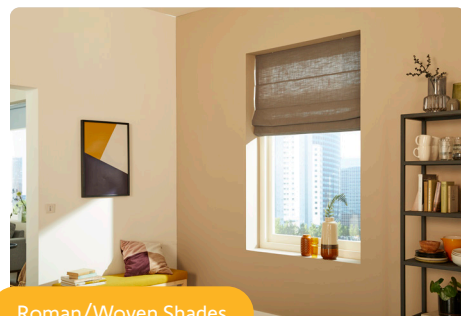
Radio Technology Somfy® (RTS): wireless radio control of motorized window coverings via the RTS family of controls.



Solar/Roller Shades



Sheer Horizontal Shades



Roman/Woven Shades



Pleated/Cellular Shades



Horizontal Blinds



Layered Shades



As with all Somfy products, the WireFree motors are backed by a 5 year warranty.

Roll Up 24 WireFree™ RTS (Li-ion)

Item #: 1240278



Offers control via
Radio Technology
Somfy® (RTS)



Applications



Roller
Shades



Roman
Shades



Sheer
Horizontal



Woven
Wood



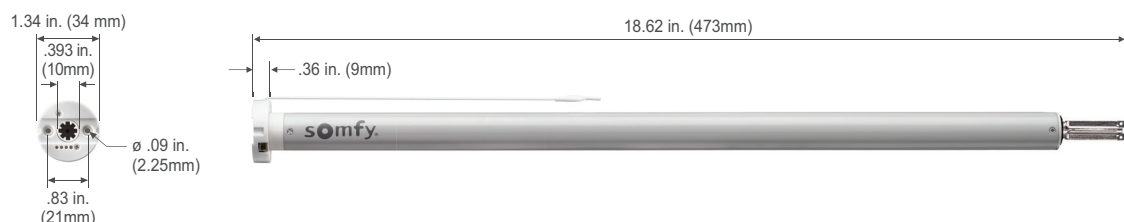
Layered
Shades

Technical Features

Voltage Supply	12V DC
Index Protection Rating (interior use only)	IP 20
Limit Switch Type	Electronic

Temperature Working Range	32°F to 140°F (0°C to 60°C)
Insulation Class	Class III
Antenna	17.5cm wire length, must not be cut or lengthened. for greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	0.55 Nm
Nominal Speed	38 rpm
Adjustable Speed	20-38 by increment of 2 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 800mAh (built-in Lithium-ion)
Battery Autonomy	Only recharge twice per year*
Charging Time	<4.5 Hrs.
Low Battery Indicator	LED (on motor head)

Certifications



*Based on average shade size and one cycle per day

Roll Up 28 WireFree™ RTS V2 (Li-ion)

Item #: 1241150



Offers control via
Radio Technology
Somfy® (RTS)



Applications



Roller
Shades



Cellular
Shades*



Pleated
Shades*



Roman
Shades



Sheer
Horizontal



Woven
Wood



Layered
Shades

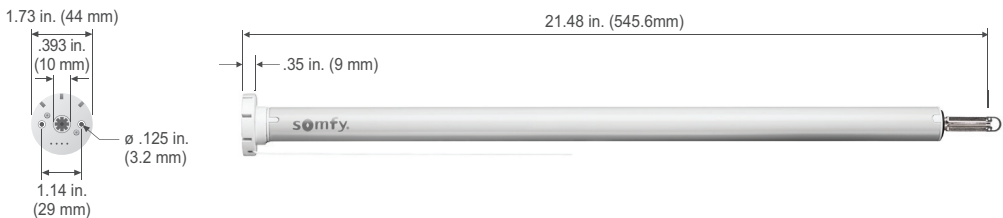
* When used with Somfy CTS40

Technical Features

Voltage Supply	12V DC
Index Protection Rating (interior use only)	IP 20
Limit Switch Type	Electronic

Temperature Working Range	32°F to 140°F (0°C to 60°C)
Insulation Class	Class III
Antenna	17.5cm wire length, must not be cut or lengthened. for greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	1.1 Nm
Nominal Speed	20 rpm
Adjustable Speed	10-28 by increment of 2 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 2600mAh (built-in Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	4.5 Hrs.
Low Battery Indicator	LED (on motor head)

Certifications



*Based on average shade size and one cycle per day

Roll Up 28 WireFree™ RTS V2 (External Battery)

Item #: 1241162



Offers control via
Radio Technology
Somfy® (RTS)



Applications



Roller
Shades



Cellular
Shades*



Pleated
Shades*



Roman
Shades



Sheer
Horizontal



Woven
Wood



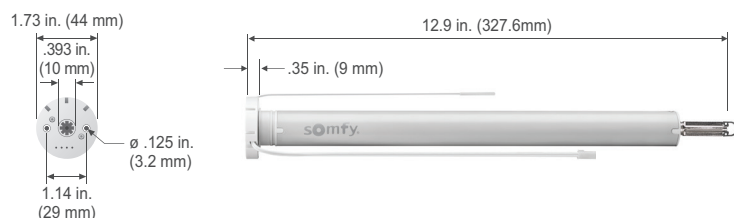
Layered
Shades

* When used with Somfy CTS40

Technical Features

Voltage Supply	12V DC	Temperature Working Range	32°F to 140°F (0°C to 60°C)
Index Protection Rating (interior use only)	IP 20	Insulation Class	Class III
Limit Switch Type	Electronic	Antenna	17.5cm wire length, must not be cut or lengthened. for greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	1.1 Nm
Nominal Speed	20 rpm
Adjustable Speed	10 to 28 by increment of 2 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 2600mAh (External Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	4.5 Hrs.
Low Battery Indicator	LED (on motor head)

*Based on average shade size and one cycle per day

Certifications



Soness® 28 WireFree Zigbee (Li-ion)

Item #: 1241755



Somfy
DESIGNED FOR
SILENCE



Applications



Roller
Shades



Cellular
Shades*



Pleated
Shades*



Roman
Shades



Sheer
Horizontal



Woven
Wood



Layered
Shades

* When used with Somfy CTS40

Technical Features

Voltage Supply	12V DC
Index Protection Rating (interior use only)	IP 20
Limit Switch Type	Electronic

Temperature Working Range	32°F to 140°F (0°C to 60°C)
Insulation Class	Class III
Antenna	15 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	1.1 Nm
Nominal Speed	20 rpm
Adjustable Speed	10-28 by increment of 1 rpm
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Battery Type	12V 2600mAh (built-in Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	< 4 to 5 Hrs.
Low Battery Indicator	LED (on motor head)

Certifications



*Based on average shade size and one cycle per day

Soness® 28 WireFree Zigbee (External Battery)

Item #: 1241754



Somfy
DESIGNED FOR
SILENCE



Applications



Roller
Shades



Cellular
Shades*



Pleated
Shades*



Roman
Shades



Sheer
Horizontal



Woven
Wood



Layered
Shades

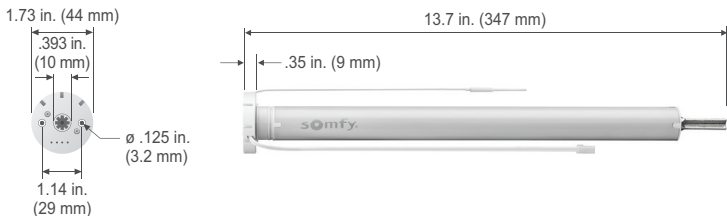
* When used with Somfy CTS40

Technical Features

Voltage Supply	12V DC
Index Protection Rating (interior use only)	IP 20
Limit Switch Type	Electronic

Temperature Working Range	32°F to 140°F (0°C to 60°C)
Insulation Class	Class III
Antenna	15 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	1.1 Nm
Nominal Speed	20 rpm
Adjustable Speed	10 to 28 by increment of 1 rpm
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Battery Type	12V 2600mAh (External Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	< 4 to 5 Hrs.
Low Battery Indicator	LED (on motor head)

Certifications



*Based on average shade size and one cycle per day

Soness® 28 WireFree RTS (Li-ion)

Item #: 1003297



Somfy
DESIGNED FOR
SILENCE



Offers control via
Radio Technology
Somfy® (RTS)



Applications



Roller
Shades



Cellular
Shades*



Pleated
Shades*



Roman
Shades



Sheer
Horizontal



Woven
Wood



Layered
Shades

* When used with Somfy CTS40

Technical Features

Voltage Supply 12V DC

Index Protection Rating IP 20
(interior use only)

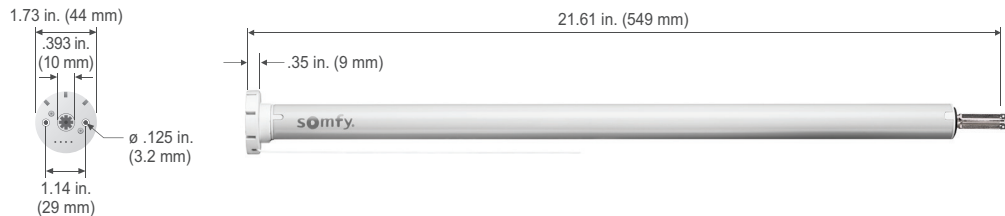
Limit Switch Type Electronic

Temperature Working Range 32°F to 140°F (0°C to 60°C)

Insulation Class Class III

Antenna 17.5cm wire length, must not be cut or lengthened.
for greatest RF range, must be exposed and should not
come in contact with metal surfaces. RF wire may need
to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	1.1 Nm
Nominal Speed	20 rpm
Adjustable Speed	10-28 by increment of 2 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 2600mAh (built-in Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	4.5 Hrs.
Low Battery Indicator	LED (on motor head)

Certifications



*Based on average shade size and one cycle per day

Soness® 28 WireFree RTS (External Battery)

Item #: 1241230



Somfy
DESIGNED FOR
SILENCE



Offers control via
Radio Technology
Somfy® (RTS)



Applications



Roller
Shades



Cellular
Shades*



Pleated
Shades*



Roman
Shades



Sheer
Horizontal



Woven
Wood



Layered
Shades

* When used with Somfy CTS40

Technical Features

Voltage Supply 12V DC

Index Protection Rating IP 20
(interior use only)

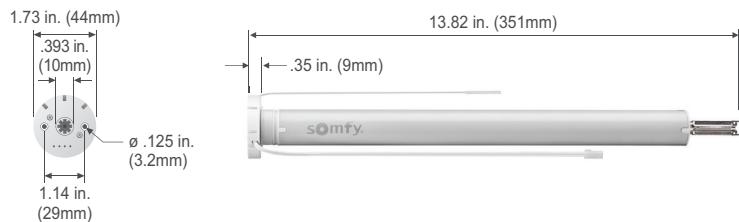
Limit Switch Type Electronic

Temperature Working Range 32°F to 140°F (0°C to 60°C)

Insulation Class Class III

Antenna 17.5cm wire length, must not be cut or lengthened.
for greatest RF range, must be exposed and should not
come in contact with metal surfaces. RF wire may need
to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	1.1 Nm
Nominal Speed	20 rpm
Adjustable Speed	10 to 28 by increment of 2 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 2600mAh (External Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	4.5 Hrs.
Low Battery Indicator	LED (on motor head)

Certifications



*Based on average shade size and one cycle per day

Soness® ULTRA 30 WireFree Zigbee (Li-ion)

Item #: 1241752



Somfy
DESIGNED FOR
SILENCE

WireFree™



Applications



Roller
Shades



Cellular
Shades*



Pleated
Shades*



Roman
Shades



Sheer
Horizontal



Woven
Wood



Layered
Shades

* When used with Somfy CTS40

Technical Features

Voltage Supply 12V DC

Index Protection Rating IP 20
(interior use only)

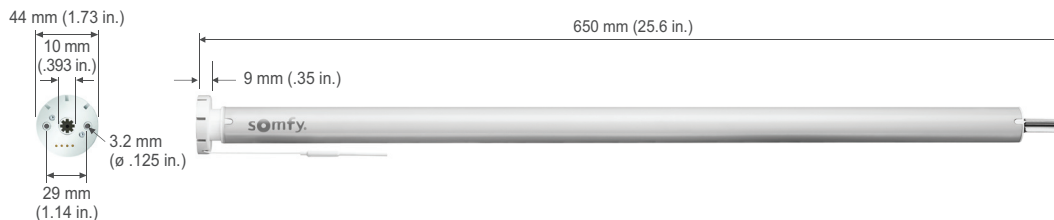
Limit Switch Type Electronic

Temperature Working Range 32°F to 140°F (0°C to 60°C)

Insulation Class Class III

Antenna 15 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	2 Nm
Nominal Speed	20 rpm
Adjustable Speed	10-28 by increment of 1 rpm
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Battery Type	12V 2600mAh (built-in Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	< 4 to 5 Hrs.
Low Battery Indicator	LED (on motor head)

*Based on average shade size and one cycle per day

Certifications



Soness® ULTRA 30 WireFree RTS (Li-ion)

Item #: 1003310



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SILENCE



Offers control via
Radio Technology
Somfy® (RTS)



Applications



Roller
Shades



Cellular
Shades*



Pleated
Shades*



Roman
Shades



Sheer
Horizontal



Woven
Wood



Layered
Shades

* When used with Somfy CTS40

Technical Features

Voltage Supply 12V DC

Index Protection Rating IP 20
(interior use only)

Limit Switch Type Electronic

Temperature Working Range 32°F to 140°F (0°C to 60°C)

Insulation Class Class III

Antenna 17.5cm wire length, must not be cut or lengthened.
for greatest RF range, must be exposed and should not
come in contact with metal surfaces. RF wire may need
to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	2 Nm
Nominal Speed	20 rpm
Adjustable Speed	10-28 by increment of 2 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 2600mAh (built-in Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	4.5 Hrs.
Low Battery Indicator	LED (on motor head)

Certifications



*Based on average shade size and one cycle per day

Sonesse® 40 Zigbee (Li-ion) (USB-C)

Item #: 1245993



Somfy
DESIGNED FOR
SILENCE



Applications



Roller
Shades



Roman
Shades



Woven
Wood



Pleated
Shades*



Cellular
Shades*



Layered
Shades



Sheer
Horizontal



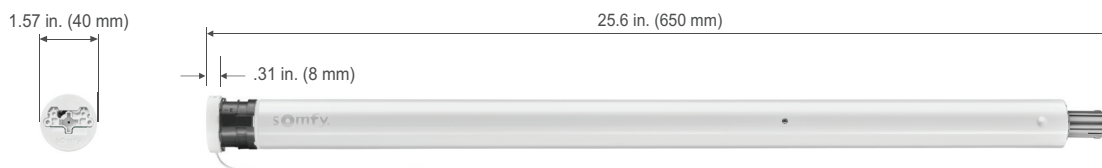
Horizontal
Blinds

* When used with Somfy CTS40

Technical Features

Voltage Supply	12V DC	Insulation Class	Class II
Index Protection Rating	IP 20 (for indoor use only)	Antenna	6.9 in. (17.5cm) wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.
Temperature Working Range	32°F to 140°F (0°C to 60°C)		
Temperature Charging Range	32°F to 104°F (0°C to 40°C)		
Temperature Storage Range	-4°F to 140°F (-20°C to 60°C)		

Dimensions



Specifications

Nominal Torque	4 Nm
Nominal Speed	20 rpm
Adjustable Speed	10 to 28 by increment of 1 rpm
Sound Level	40 dB(A)*
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Battery Type	12V 5000 mAh (built-in lithium-ion)
Battery Autonomy	Only recharge once per year**
Recharging Time	4 hours***
Low Battery Indicator	LED

Certifications



*Power Level: according to standards ISO3741 in dB(A) ref 1pW typical value, at nominal torque and nominal speed, without application/end product.

**Based on average shade size and one cycle per day.

***Using Somfy USB-C Li-ion Charger (9028923).

Sonesse® 40 WireFree RTS (Li-ion)

Item #: 1240485



Somfy
DESIGNED FOR
SILENCE



Offers control via
Radio Technology
Somfy® (RTS)



Applications



Roller
Shades



Cellular
Shades*



Pleated
Shades*



Roman
Shades



Sheer
Horizontal



Woven
Wood



Layered
Shades

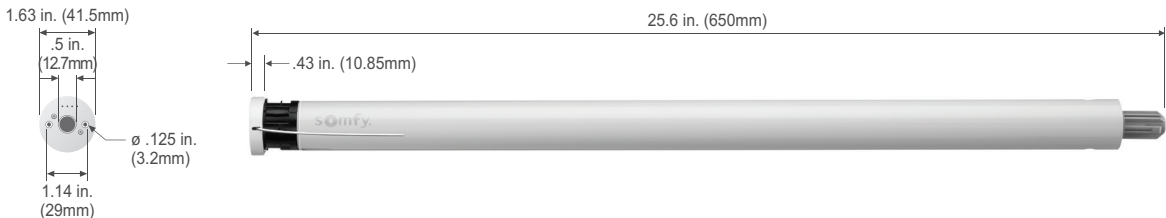
* When used with Somfy CTS40

Technical Features

Voltage Supply	12V DC
Index Protection Rating (interior use only)	IP 30
Limit Switch Type	Electronic

Temperature Working Range	32°F to 140°F (0°C to 60°C)
Insulation Class	Class III
Antenna	12cm, wire length, must not be cut or lengthened. for greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	3 Nm
Nominal Speed	20 rpm
Adjustable Speed	10-28 by increment of 2 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 4600mAh (built-in Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	8 Hrs.
Low Battery Indicator	LED (on motor head)

* Based on one cycle (up and down) per day.

Certifications



Top-down Bottom-up 45 WireFree™ Zigbee

COMING SOON

Item #: 1246323



Applications



Top-down
Bottom-up shades

Technical Features

Voltage Supply	12V DC	Temperature Storage Range	-4°F to 140°F (-20°C to 60°C)
Cable	AWG22 - 2 Wires	Insulation Class	Class III
Index Protecting Rating	IP 20 (for indoor use only)	Antenna	4.72 in. (12cm) wire length, must not be cut nor lengthened. For greatest RF range, the wire should not be in contact with metal surfaces and should be repositioned out of the rail/tube/cassette.
Limit Switch Type	Electronic, encoder based		
Temperature Working Range	32°F to 140°F (0°C to 60°C)		

Dimensions



Specifications

Nominal Torque	0.6 Nm
Nominal Speed	40 rpm
Adjustable Speed	20 to 40 by increments of 1 rpm
Sound Level	51 dB(A)*
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Power Supply	12V internal or external headrail battery Plug-in power supply
Battery Type	12V 2600 mAh (lithium-ion rechargeable)
Battery Autonomy	Recharge twice per year
Low Battery Indicator	LED

Accessories

9029224	Internal Headrail Battery	
9028923	USB-C Li-ion Fast Charger (with Cable)	
9029622	Headrail Wiring Accessory	

Certifications



*Power level at nominal torque and speed

Top-down Bottom-up 25 WireFree™ Zigbee

COMING SOON

Item #: 1246325



Applications

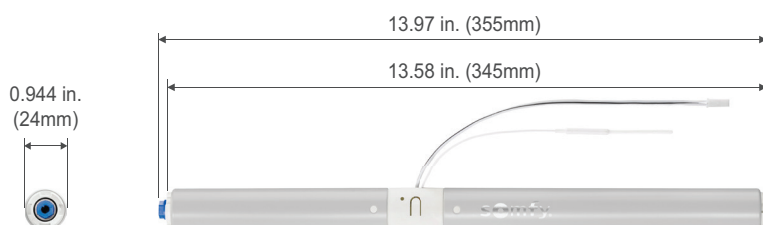


Top-down
Bottom-up shades

Technical Features

Voltage Supply	12V DC	Temperature Storage Range	-4°F to 140°F (-20°C to 60°C)
Cable	AWG22 - 2 Wires	Insulation Class	Class III
Index Protecting Rating	IP 20 (for indoor use only)	Antenna	4.72 in. (12cm) wire length, must not be cut nor lengthened. For greatest RF range, the wire should not be in contact with metal surfaces and should be repositioned out of the rail/tube/cassette.
Limit Switch Type	Electronic, encoder based		
Temperature Working Range	32°F to 140°F (0°C to 60°C)		

Dimensions



Specifications

Nominal Torque	0.8 Nm
Nominal Speed	40 rpm
Adjustable Speed	20 to 40 by increments of 1 rpm
Sound Level	49 dB(A)*
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Power Supply	12V internal or external headrail battery Plug-in power supply
Battery Type	12V 2600 mAh (lithium-ion rechargeable)
Battery Autonomy	Recharge twice per year
Low Battery Indicator	LED or in app

*Power level at nominal torque and speed

Accessories

9029224	Internal Headrail Battery	
9028923	USB-C Li-ion Fast Charger (with Cable)	

Certifications



Top-down Bottom-up (TDBU)

Hardware Systems and Accessories

Power Accessories

Battery/Power Extension Cables



10' - 9018623



48' - 9016736



96' - 9018624

- For use with all external Zigbee and RTS motors
- For use with Li-ion Battery Pack #9021217
- For use with Reloadable Battery Tube #9018685

USB-C Internal Headrail Li-ion Battery



9029224

- For use with Tilt Li-ion motors (Zigbee and RTS)
- For use with USB-C Li-ion Fast Charger #9028923

USB-C Li-ion Extension Cable



9028565

- For use with USB-C Li-ion motors (Zigbee)

USB-C Magnetic Rigid Cable



9028563

- For use with USB-C Li-ion motors (Zigbee)

USB-C Magnetic Adaptor



9028564

- For use with USB-C Magnetic Rigid Cable #9028563

USB-C Li-ion Fast Charger (with Cable)



9028923

- For use with USB-C Li-ion motors (Zigbee)
- For use with USB-C Li-ion Battery Packs

Headrail Accessories

Shaft Adaptors



Shaft Adaptor Turnils
9026428



Shade Adaptor HT Window
9026430

TDBU Control

Ysia®



Ysia® 5 TDBU Zigbee
1871394

Headrail Accessories (TL25 only)

Headrail Adaptors



Headrail Adaptor for Turnils
9026427



Headrail Adaptors for HT Window
9029519

Headrail Wiring Accessory



Headrail Wiring Accessory
9029622

Cord Lift WireFree™ TLV25 Zigbee (External Battery)

Item #: 1246811



Somfy
DESIGNED FOR
SILENCE

WireFree™



Applications



Cellular
Shades



Pleated
Shades



Roman
Shades



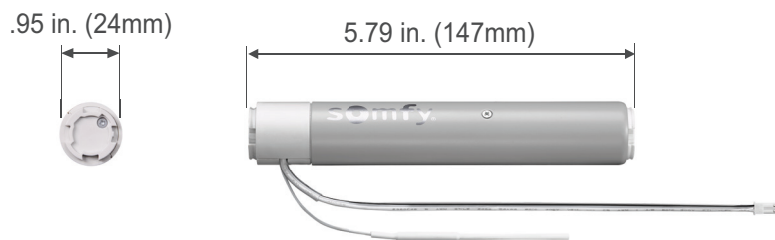
Horizontal
Blinds*

* When used with Somfy CTS40

Technical Features

Voltage Supply	12V DC	Temperature Storage Range	-4°F to 140°F (-20°C to 60°C)
Cable	AWG22 - 2 Wires	Insulation Class	Class III
Index Protecting Rating	IP 20 (for indoor use only)	Antenna	12cm wire length, must not be cut nor lengthened. For greatest RF range, the wire should not be in contact with metal surfaces and should be repositioned out of the rail/tube/cassette.
Limit Switch Type	Electronic, encoder based		
Temperature Working Range	32°F to 140°F (0°C to 60°C)		

Dimensions



Specifications

Nominal Torque	0.6 Nm
Nominal Speed	Lifting speed: 30 rpm Tilting speed: 18 rpm
Adjustable Speed	Lifting speed: 18-30 rpm by increments of 1 Tilting speed: 10-20 rpm by increments of 1
Sound Level	46 dB(A)*
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Power Supply	12V internal or external headrail battery Plug-in power supply
Battery Autonomy	Only recharge once per year
Low Battery Indicator	LED

Accessories

9029224	Internal Headrail Battery	
9028923	USB-C Li-ion Fast Charger (with Cable)	

Certifications



*Power level at nominal torque and speed

Cord Lift WireFree™ TLW25 Zigbee (External Battery)

Item #: 1241780



Somfy
DESIGNED FOR
SILENCE



Applications



Cellular
Shades



Pleated
Shades



Roman
Shades



Woven
Wood

Technical Features

Voltage Supply	12V DC
Index Protection Rating (interior use only)	IP 20
Limit Switch Type	Electronic

Temperature Working Range	32°F to 140°F (0°C to 60°C)
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Insulation Class	Class III
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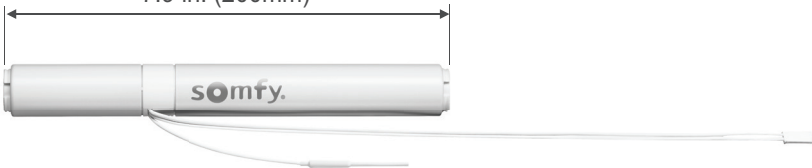
Antenna	12 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.
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Dimensions

.95 in. (24mm)



7.9 in. (200mm)



Specifications

Nominal Torque	0.8 Nm
Nominal Speed	30 rpm
Adjustable Speed	18-30 by increment of 1 rpm
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Battery Type	12V 2600mAh (external Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	< 4 to 5 Hrs.
Low Battery Indicator	LED (on motor head)

Certifications



*Based on average shade size and one cycle per day

Cord Lift WireFree™ TLW25 RTS (External Battery)

Item #: 1003294



Somfy
DESIGNED FOR
SILENCE



Offers control via
Radio Technology
Somfy® (RTS)



Applications



Cellular
Shades



Pleated
Shades



Roman
Shades



Woven
Wood



Horizontal
Blinds*

* When used with Somfy CTS25

Technical Features

Voltage Supply	12V DC
Index Protection Rating (interior use only)	IP 20
Limit Switch Type	Electronic

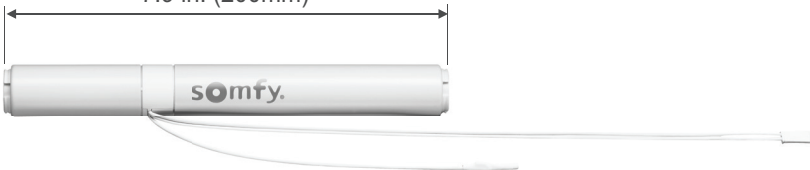
Temperature Working Range	32°F to 140°F (0°C to 60°C)
Insulation Class	Class III
Antenna	15cm RF antenna wire must be positioned outside of headrail and should not come in contact with metal surfaces for greatest RF range. RF wire may need to be repositioned for optimal performance. Antenna wire must not be cut.

Dimensions

.95 in. (24mm)



7.9 in. (200mm)



Specifications

Nominal Torque	0.8 Nm
Nominal Speed	30 rpm
Adjustable Speed	18-30 by increment of 1 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 2600mAh (external Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	4.5 Hrs.
Low Battery Indicator	LED (on motor head)

Certifications



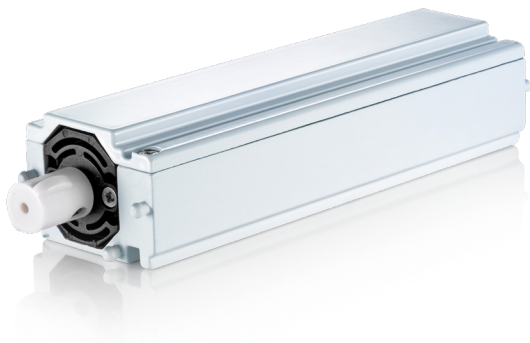
*Based on average shade size and one cycle per day

Cord Lift CL32 RTS (External Battery)

Item #: 1002422



Offers control via
Radio Technology
Somfy® (RTS)



Applications



Cellular
Shades



Pleated
Shades



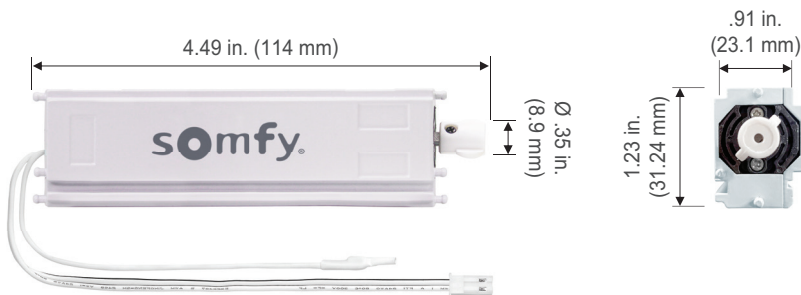
Roman
Shades

Technical Features

Voltage Supply	DC
Index Protection Rating	IP 20
Limit Switch Type	Electronic

Temperature Working Range	32°F to 140°F (0°C to 60°C)
Insulation Class	Class III
Antenna	15cm, wire length, must not be cut or lengthened. for greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	0.34 Nm
Nominal Speed	68 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 2600mAh (external Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	4.5 Hrs.

*Based on average shade size and one cycle per day

Tilt 50 WireFree™ Through-Shaft Zigbee (External Battery)

Item #: 1241783



Applications

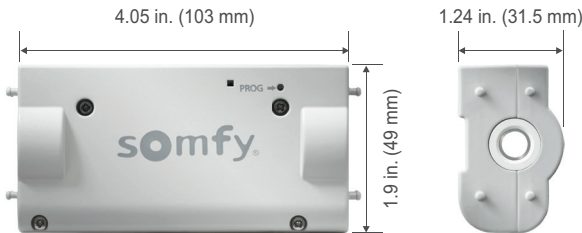


Horizontal Blinds

Technical Features

Voltage Supply	12V DC	Temperature Working Range	32°F to 140°F (0°C to 60°C)
Index Protection Rating	IP 20 (for indoor use only)	Insulation Class	Class III
Limit Switch Type	Electronic	Antenna	12 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	1 Nm
Nominal Speed	10 rpm
Adjustable Speed	5-10 by increment of 1 rpm
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Battery Type	12V 2600mAh (external Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	< 4 to 5 Hrs.

Certifications



*Based on average blind size and one cycle per day

Tilt Only 50 WireFree™ RTS Through Shaft

Item #: 1240276



Offers control via
Radio Technology
Somfy® (RTS)



Applications

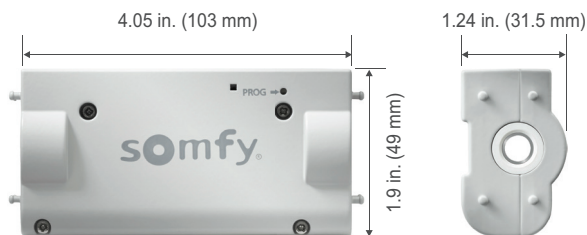


Horizontal
Blinds

Technical Features

Voltage Supply	12V DC	Temperature Working Range	32°F to 140°F (0°C to 60°C)
Index Protection Rating	IP 20 (for indoor use only)	Insulation Class	Class III
Limit Switch Type	Electronic	Antenna	17.5cm wire length, must not be cut or lengthened. For greatest RF range must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions



Specifications

Nominal Torque	1 Nm
Nominal Speed	10 rpm
Adjustable Speed	5-10 by increment of 1 rpm
Radio Protocol	RTS
Radio Frequency	433.42 MHz
Battery Type	12V 2600mAh (external Lithium-ion)
Battery Autonomy	Only recharge once per year*
Charging Time	4.5 Hrs.

Certifications



*Based on average blind size and one cycle per day

WireFree Controls

Zigbee® Technology

TaHoma® switch



TaHoma® switch
1871037

TaHoma® switch
(with ethernet adaptor)
1871038



TaHoma® switch
Ethernet Adaptor
9028054

Smart Plug



Smart Plug Zigbee
1871217



Ysia®



Ysia® 1 Zigbee
1871153



Ysia® 5 Zigbee
1871154

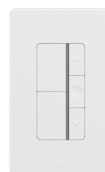


Ysia® 5 Variation Zigbee
1871281



Ysia® 5 TDBU Zigbee
1871394

DecoFlex WireFree™ Wall Switches



DecoFlex WireFree™ Zigbee,
White 2 Channel
Surface-mount
1871577
In-wall
1871573



DecoFlex WireFree™ Zigbee,
White 4 Channel
Surface-mount
1871576
In-wall
1871572

Radio Technology Somfy® (RTS)

Situo & Telis Collections



Situo® 1 RTS
Pure Single
Channel Remote
1870571



Situo® 5 RTS
Pure Five
Channel Remote
1870575



Situo® 5 RTS
Soliris Five
Channel Remote
1870579



Situo® 5 RTS
Variation Five
Channel Remote
1811612



Telis 16 Channel RTS
Pure Remote with
On-screen display
1811081



Telis 16 Channel RTS
Silver Remote with
On-screen display
1811082



Telis 1 Chronis RTS
Pure Timer with
On-screen display
1805237

NOTE: for additional information regarding Zigbee® or RTS controls, contact Somfy Systems, Inc.

WireFree Controls

Radio Technology Somfy® (RTS)



DecoFlex WireFree™ Wall Switches



DecoFlex 1
Channel RTS
WireFree™ Wall Switch
White
1810897
Black
1810899



DecoFlex 2
Channel RTS
WireFree™ Wall Switch
White
1811068
Black
1811067



DecoFlex 3
Channel RTS
WireFree™ Wall Switch
White
1811071
Black
1811070



DecoFlex 4
Channel RTS
WireFree™ Wall Switch
White
1811074
Black
1811073



DecoFlex 5
Channel RTS
WireFree™ Wall Switch
White
1810813
Black
1810830



DecoFlex WireFree™
3-Button
White
1870908



DecoFlex WireFree™
Surface 5 Channel
White
1871025

- Wall Switches shown in white. Black finish is also available.
- Switches are shown assembled with printed channel buttons.
- Custom engraved buttons are also available.



Black

- Wall Switches are only available in white.

Table Top Accessories



DecoFlex WireFree™
RTS Table Top
Accessory
Black
1811051*



DecoFlex WireFree™
RTS Table Top
Accessory
Silver
1810972*



DecoFlex WireFree™
RTS Table Top
Accessory
White
1811185*

*DecoFlex Switch is sold separately from Table Top Accessory.

Smoove® Wall Switches



Smoove® 1 RTS Pure II
181361



Smoove® 4 RTS Pure II
181381

- Battery-operated convenience
- Surface mounts with ease
- Frames available in 3 colors



Pure



Silver Matte



Black

Dry Contact

DRY CONTACT

TaHoma®

16 Channel RTS Interface

RTS Dry Contact Interface



TaHoma® switch
1871037
TaHoma® switch
(with ethernet adaptor)
1871038



TaHoma® switch
Ethernet Adaptor
9028054



Universal RTS Interface 16-Channel
(Converts IR, RS232, RS485 to RTS)
1810872



RTS Dry Contact Interface
Single Channel
1810493

NOTE: For additional information regarding Zigbee® or RTS controls, contact Somfy Systems, Inc.

WireFree USB-C Power Accessories

Solar Panel and Hardware Accessories

USB-C Li-ion Solar Panel



9029114

- For use with all Zigbee USB-C motors
- For use with all external battery motors using USB-C Li-ion Battery Pack #9028930 and USB-C Internal Headrail Li-ion Battery Pack #9029224

Bracket for USB-C Li-ion Solar Panel



9029127

- For use with USB-C Li-ion Solar Panel #9029114

Tape & Swab for USB-C Li-ion Solar Panel



9029180

- Included with USB-C Li-ion Solar Panel #9029114

Power Accessories

USB-C Li-ion External Battery Pack



9028930

- For use with all external Zigbee and RTS battery motors
- For use with battery charger #9028923

Replacement Mounting Clips for Li-ion Battery Pack



9027701

- Included with Li-ion Battery Pack #9028930

USB-C Internal Headrail Li-ion Battery



9029224

- For use with internal headrail motors (Zigbee and RTS)
- For use with USB-C Li-ion Fast Charger #9028923

USB-C Li-ion Fast Charger (with Cable)



9028923

- For use with USB-C Li-ion motors (Zigbee)
- For use with USB-C Li-ion Battery Packs

USB-C Li-ion Extension Cable



9028565

- For use with USB-C Li-ion motors (Zigbee)

USB-C Magnetic Rigid Cable



9028563

- For use with USB-C Li-ion motors (Zigbee)
- For use with USB-C Li-ion Battery Packs

USB-C Magnetic Adaptor



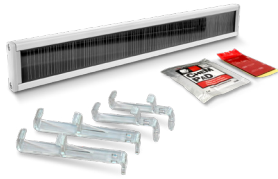
9028564

- For use with USB-C Magnetic Rigid Cable #9028563

WireFree Power Accessories

Solar Panel and Hardware Accessories

Li-ion Solar Panel Kit



9027294

(Includes: Solar panel, 4 panel mounting brackets and glass mount adhesive)

- For use with V2 Li-ion Motors
- For use with all external battery motors using rechargeable Li-ion Battery Pack #9021217

Solar Panel Mounting Bracket Kit



9015897

- Included with Li-ion Solar Panel Kit #9027294

Power Accessories

Rechargeable Li-ion Battery Pack



9021217

- For use with all external Zigbee and RTS battery motors
- For use with battery charger #9025166

Single 12V DC Reloadable Battery Tube



9018685

- For use with all external battery motors
- Requires 8 AA lithium-ion batteries #9014834

Lithium-ion Charger



9025166

- For use with V2 Li-ion motors (Zigbee and RTS)
- For use with Rechargeable Li-ion Battery Pack #9021217

12V DC Plug-In Power Supply



1870940

- For use with all external battery motors
- Eliminates use of batteries

8 AA Lithium Battery Package Tubes



9014834

- For use with Reloadable Battery Tube #9018685

WireFree Power Accessories

Power Accessories

Li-ion Charging Extension Cable



9021131

8" Extension Cable

- For use with V2 Li-ion motors
- For use with Rechargeable Li-ion Battery Pack #9021217

Magnetic Rigid Cable



9028560

- For use with 9028562 Magnetic adaptor. Compatible with all V2 Li-ion Motors and Li-ion battery pack #9021217

Dual 12V DC Reloadable Battery Tube "Y" Harness



9018625

- Used to connect (2) 12V DC Reloadable Battery Tubes #9018685

Battery/Power Extension Cables



10" - 9018623



48" - 9016736



96" - 9018624

- For use with all external Zigbee and RTS motors
- For use with Li-ion Battery Pack #9021217
- For use with Reloadable Battery Tube #9018685

Power Hardware Accessories

Replacement Mounting Clips for Li-ion Battery Pack



9027701

- Included with Li-ion Battery Pack #9021217

Replacement Mounting Clips for Battery Tube



9013263

- Included with Reloadable Battery Tube #9018685