

Sonesse® 28 WireFree Zigbee (Li-ion)



The Sonesse® 28 WireFree Zigbee (Li-ion) is designed for silence wirefree motor dedicated to a wide range of interior window coverings. It features a built-in rechargeable lithium-ion battery for easy installation, minimal maintenance and enhanced aesthetics.

Compatible end-products



Roller shades



Roman shades



Woven woods



Pleated shades*



Cellular shades*



Layered/
Zebra shades



Sheer horizontals

*Using CTS40

Main functionalities



1.1 Nm torque for medium sized shades



Designed for silence



Position feedback



Openness of the Zigbee protocol



Built-in rechargeable Li-ion battery



LED provides feedback on motor



Battery level feedback



Soft start and Soft stop



Adjustable speed



"my" function



Solar charging options



Quick & easy settings



Built-in speed control



Compatible with HomeKit



"my" function

Benefits for professionals

Convenience

- Compatible with a wide range of interior window coverings

Easy installation

- No wiring or external batteries

Easy programming and adjustment with TaHoma® pro



- Installation and programming done directly from the app: intuitive step-by-step programming instructions
- Integrated button on the motor head allows for leaving the network and full reset
- Dedicated maintenance tool, Serv-e-Go

Reliability and services

- Highly secure protocol
- Premium, quality battery that can be replaced
- Somfy quality & warranty

Open protocol

- Native compatibility with Zigbee 3.0 controllers (including Samsung Smartthings)

Benefits for end users

Daily comfort

- Quiet operation
- Precision motion with soft start & soft stop
- Manage natural light and privacy via timed schedules and scenes

Aesthetic integration

- No exposed wiring, uses built-in, rechargeable lithium-ion technology

Easy to use and maintain

- Easily control shades with the TaHoma® app
- Get real time feedback on shade positioning and battery-level status via a smartphone or tablet
- Only recharge once a year
- Minimize maintenance with solar charging option

Go hands free with voice control

- Compatible with voice control assistants (with TaHoma® switch and Amazon Alexa, Google Home, or Apple HomeKit)

Safety and reliability

- No hanging cords, provides a child-safe and pet-friendly solution
- Somfy quality and warranty



TaHoma® pro app

Scan a unique motor QR code and follow a simple, step-by-step process to configure motor settings and end limits to save time.



Android



iOS



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Somfy
DESIGNED FOR
SILENCE



WireFree™



zigbee

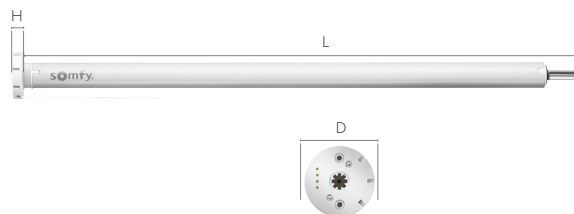
Item #: 1241755

Technical data

Voltage Supply	12V DC
Index Protecting Rating	IP 20 (for indoor use only)
Limit Switch Type	Electronic, encoder based
Temperature Working Range	32°F to 140°F (0°C to 60°C)
Temperature Charging Range	32°F to 104°F (0°C to 60°C)
Temperature Storage Range	-4°F to 140°F (-20°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

Motor Length (L)	21.5 in. (546mm)
Head Thickness (H)	.36 in. (9mm)
Head Diameter Ø (D)	1.73 in. (44mm)



Performances

Nominal Torque	1.1 Nm
Nominal Speed	20 rpm
Adjustable Speed	10 to 28 by increment of 2 rpm
Sound Level	< 49dB(A)*
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Battery Type	12V 2600 mAh (built-in lithium-ion rechargeable)
Battery Autonomy	Only recharge once per year**
Recharging Time	< 4 to 5 hours
Low Battery Indicator	LED

*Power level at nominal torque and speed

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

Certifications



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