

Sonesse® 28 WireFree Zigbee (External Battery)



The Sonesse® 28 WireFree Zigbee (External Battery) is a connected wirefree motor, extremely compact and designed for silence. It can be powered using an external plug-in, rechargeable lithium-ion battery pack or plug-in power supply.



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



Android



iOS

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	 External battery motor
 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	

Benefits for professionals

- Convenience**
- A compact solution adapts to narrow window openings
- Easy programming and adjustment with TaHoma® pro**
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- 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
 - 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
- 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
 - Powered rechargeable battery pack, solar panel, or plug-in wall power supply
- 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



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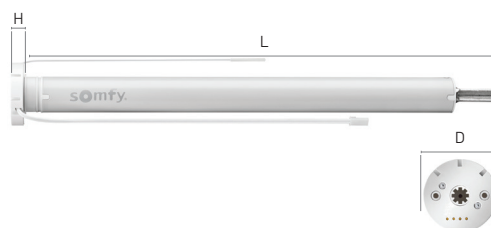
Item #: 1241754

Technical data

Voltage Supply	12V DC
Index Protecting Rating	IP 20 (for indoor use only)
Limit Switch Type	Electronic
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)
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)	13.7 in. (347mm)
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	< 49 dB(A)*
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2
Radio Frequency	2.4 GHz
Power Supply	12V DC plug-in wall power supply
Battery Type	12V 2600 mAh (external 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

