

Sonessse® 28 WireFree Zigbee (External Battery)



The Sonessse® 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

| | | | | |
|---|---|--|---|--|
|  <p>1.1 Nm torque for medium sized shades</p> |  <p>Designed for silence</p> |  <p>Position feedback</p> |  <p>Openness of the Zigbee protocol</p> |  <p>External battery motor</p> |
|  <p>LED provides feedback on motor</p> |  <p>Battery level feedback</p> |  <p>Soft start and Soft stop</p> |  <p>Adjustable speed</p> |  <p>"my" function</p> |
|  <p>Solar charging options</p> |  <p>Quick & easy settings</p> |  <p>Built-in speed control</p> |  <p>Works with Apple Home</p> | |

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 (coming in 2024)
- Reliability and services**
- Highly secure protocol
 - Somfy quality & warranty

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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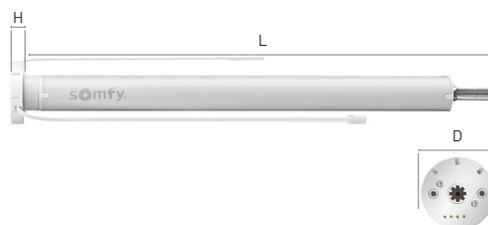
Item #: 1241754

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



Compatible with

- TaHoma switch 1871038
- Ysia 1 1871153
- Ysia 5 1871154
- Smart Plug 1871217

