

Sonesse 28 Li-ion Zigbee

WireFree Zigbee

The smart, whisper quiet, 2 Nm WireFree motor solution designed for a range of interior window coverings.



PRODUCTS MAIN FUNCTIONALITIES



Zigbee 3.0
Bi-directional feedback through 'TaHoma by Somfy' application



WireFree Inbuilt rechargeable Li-ion battery
(1 charge per year)



Adjustable Speed
10 – 28 by increments of 1rpm with TaHoma Pro



Designed for Whisper quiet operation



Soft Start and Soft stop



Simple, quick and error free comissioning
through TaHoma Pro



'my' favourite position



USB C Fast Charge
Charges external battery in 1h 40min using the Somfy charger



Solar charging options



Openness of the Zigbee Protocol



Battery level and position feedback

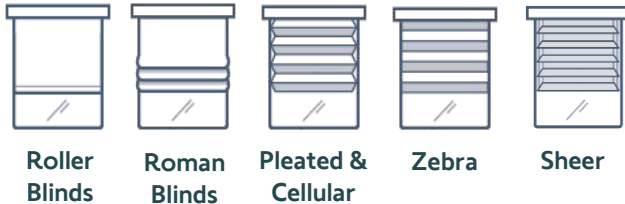


Compatible with TaHoma switch



Magnetic charging options

COMPATIBLE END PRODUCTS



Sonessse 28 Li-ion Zigbee
WireFree Zigbee

BENEFITS FOR PROFESSIONALS

Convenience:

- Compatible with a wide range of interior window coverings.

Easy Installation:

- In-built lithium Li-ion battery; no external batteries, no wires and no requirement for an electrician.
- 8mm motor head thickness for reduced light gap.
- Integrated motor head plate dependent on the bracket.
- Adjustable speed (10-28 rpm) in increments of 1rpm with TaHoma pro application.

Easy programming and adjustment with TaHoma® pro:

- Installation and programming performed directly from the app: including intuitive step-by-step programming instructions.
- Programming button and LED strategically placed to ease the installation process.
- Dedicated after sales and remote maintenance tool, Serv-e-Go (coming in S2' 2024)

Reliability:

- Highly secure protocol
- Somfy Quality and Warranty

BENEFITS FOR END USERS

Robust and easy:

- Bi-directional feedback (know the motors position and battery level) anytime, anywhere.
- No wiring; no Electrician required.
- Interchangeable motor covers [White, Black & Grey] to compliment fabric & decor.

Convenient and smart:

- Whisper quiet, seamless operation
- Precision percentage blind control with TaHoma switch
- USB-C Fast charge for optimised charging experience.
- Magnetic Charging accessories available (Sold separately).
- Compatible with TaHoma switch & Apple Home kit.
- Compatible with the Zigbee WireFree Solar Panel (Available Semester 2, 2024)
- Compatible with other Zigbee 3.0 brands thanks to TaHoma switch

TECHNICAL DATA

Voltage Supply	12V DC
Index Protection Rating	IP20 (for indoor use only)
Limit Switch Type	Electronic
Temperature Working Range	0°C to 60°C
Temperature Storage Range	-20°C to 60°C
Insulation Class	Class III

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

PERFORMANCE

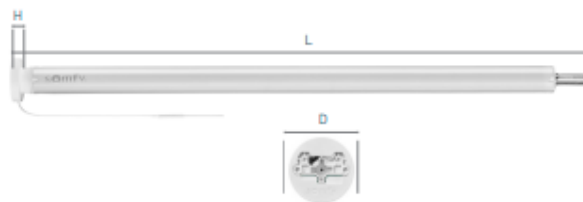
Nominal Torque	2 Nm
Nominal Speed	20 rpm
Adjustable Speed	10-28 by increments of 1 rpm
Sound Level	44 dBA (at nominal speed)
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2 (with TaHoma Pro)
Radio Frequency	2.4 GHz
Radio Range	7m [in room: extendable with Zigbee repeaters]
Battery Lifetime	12 months*
Power Supply	Li-ion embedded battery
Low Battery Indicator	LED on motor head & in TaHoma by Somfy app.
Charging Time	1.5 hours (with Somfy Zigbee USB C Charger)
Item Number	1245938

*12 months with one cycle (up and down) per day in a 1.2m wide, 2m high, 38mm tube shade. For optimal performance, please refer to Abacus or BSM Tool.

somfy

DIMENSIONS

Motor Length (L)	562mm
Head thickness (H)	8mm
Head diameter Ø (D)	40mm
Tube min Ø (int)	26.6mm



Sonesse 28 Li-ion Zigbee
WireFree Zigbee

WIREFREE ELECTRONICS AND ACCESSORIES (each sold separately)

Accessories available:

9021018	Sonesse 30 WF Acmeda Sys45 Crown and drive
9021036	Sonesse 30 WF Acmeda Sys45 Heavy Crown and drive
9020137	Sonesse 30 WF HD Quantum Crown and drive
9020699	Sonesse 30 WF HD 37 mm Crown and drive
9020674	Sonesse 30 WF Rollease 1.5/38 mm Crown and drive
9020675	Sonesse 30 WF Louvolite 40 mm Crown and drive
9025811	Sonesse 30 WF Louvolite 45 mm Crown and drive
9020676	Sonesse 30 WF to 400s adapter kit

Charging and Electronics:

9028922	Zigbee Li-ion USB C Charger
9028564	Magnetic Adaptor for Zigbee USB C Charger
9028563	Magnetic Rigid Cable for Zigbee USB C Charger
9028565	USB C Zigbee 20cm Charging Extension Cable
9029114	WireFree Li-ion Zigbee Solar Panel <i>(Available from Semester 2, 2024)</i>

Motor Plates*

9025999	Motor Plate - Acmeda 12mm and screws	
9026003	Motor Plate Rollease Skyline and screws	
9026004	Motor Plate Vertilux and screws	

*4x12 mm screws are not suitable. Requires 4x8 mm.

Optional Motor Head Covers *(All WireFree Zigbee motors include a default White Motor head cover)*

9028932	Zigbee WF Motor head Cover – Black
9028933	Zigbee WF Motor head Cover – Grey



IMPORTANT:

All Zigbee motors require 1 x motor plate to suit the bracket system being used.

