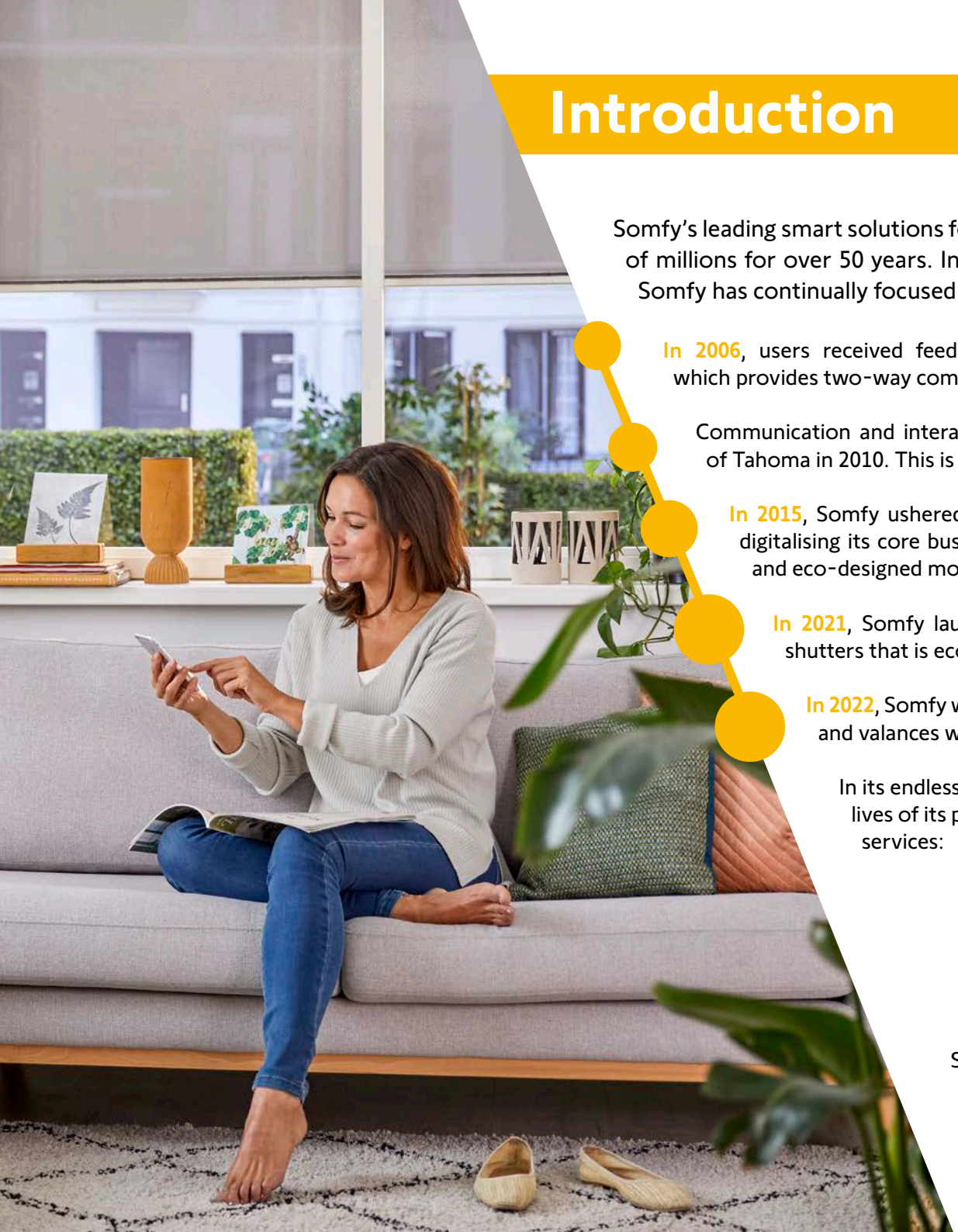
2022 | Press **Kit**

Somfy is expanding its range of solar motors.

SUNEA® 40 SOLAR io

A naturally effective solution for vertical screens and valances.

somfy®



Introduction

Somfy's leading smart solutions for managing homes and buildings have been improving the daily lives of millions for over 50 years. Innovation has always been a top priority for the Group. That's why Somfy has continually focused all its efforts on the occupant.

In 2006, users received feedback on their solar protection operations through io-homecontrol®, which provides two-way communication technology.

Communication and interaction between all home devices was made possible through the launch of Tahoma in 2010. This is the start of a new era!

In 2015, Somfy ushered in a new technological era by repurposing tubular motor systems and digitalising its core business with the launch of S&SO RS100 io, the first-ever silent, connected and eco-designed motor for rolling shutters.

In 2021, Somfy launched Oximo® Solar io, an ultra-efficient motorised system for rolling shutters that is eco-designed and self-powered by daylight.

In 2022, Somfy will launch Sunea® 40 Solar io, the first-ever solar motor for vertical screens and valances which deploys two-way communication technology.

In its endless search for innovation, Somfy also makes it a priority to improve the daily lives of its professional customers. As such, the Group supports them in the following services:

Sales

Installation

Troubleshooting

Somfy's challenge is twofold: to drive buildings' energy performance and ensure the comfort of their occupants.

CONTENTS

AUTOMATED SOLAR PROTECTION = Comfort and energy performance

Driving energy performance
with automated solar protection devices

To combat global warming, we must level up the energy performance of buildings. The latter account for 35% of greenhouse gas emissions and 40% of energy consumption across Europe.

As a smart home specialist for the past 50 years, Somfy is accelerating two priority actions in an endeavour to lower its carbon footprint and contribute to reducing its impact on the planet.

1/ Limiting its own emissions

Through eco-design, Somfy aims to minimise the negative impact of raw materials used and power consumption.

Somfy has set a goal to ensure all products sold are Act For Green® labelled by 2030.

This performance is achieved by deploying new energy-efficient technologies and by improving product manufacturing and packaging.

2/ Fitting buildings with automated solar protection devices

Automated solar protection devices not only optimise energy performance, but they also offer greater comfort.

Reduce your heating dependence in the winter and cut down on air conditioning use over the summer with Somfy's smart control solar protection solutions.

SUNEA® 40 SOLAR io

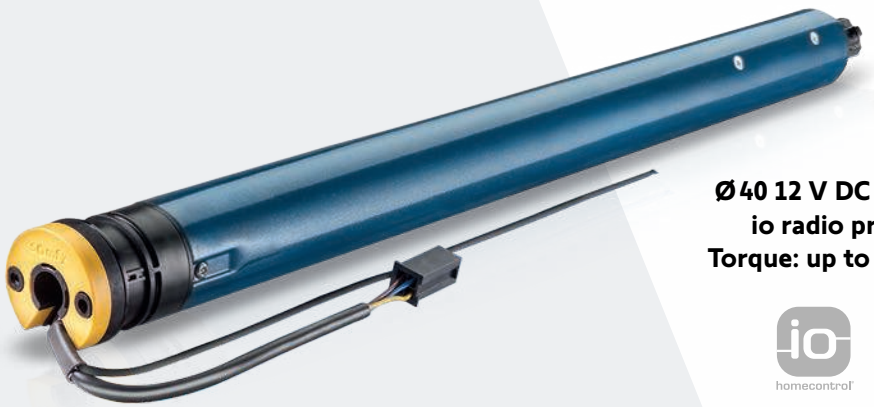
Vertical screen

Lateral arm awning

Valance

Sunea 40 Solar io is the new eco-designed, motorised system for vertical screens and valances and is self-powered by daylight.
The ultra-efficient Sunea 40 Solar io is powered by daylight and has a 30-day autonomy in total darkness. Guaranteed reliable, motor, panel, and battery covered by a 7-year warranty. Fast integration and installation using dedicated professional tools.
The Sunea 40 Solar io ecosystem is also designed to be responsible and to meet the standards of the Act For Green label.

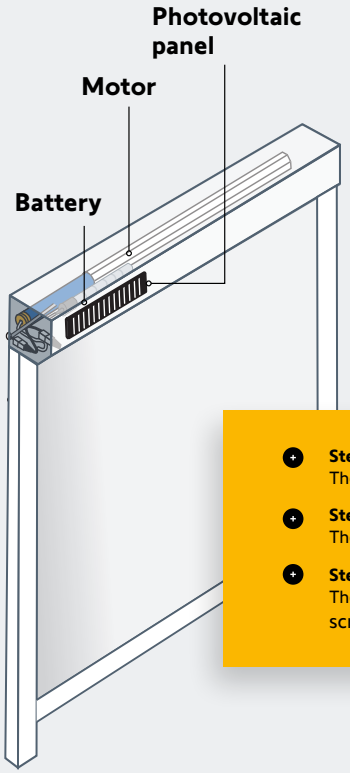
SUNEA 40 SOLAR io
Your all-in-one solution



Ø 40 12 V DC motor
io radio protocol
Torque: up to 10 Nm

A new **motor**
Sunea 40 Solar io

Effortlessly open and close your vertical screens and guarantee maximum service life.



How does a motorised “solar” ? vertical screen work?

- **Step 1. Collecting solar energy.**
  The solar panel captures the daylight.
- **Step 2. Storage.**
  The energy is stored in the battery.
- **Step 3. Use.**
  The battery provides all energy needed for the vertical screen's motor to work perfectly.

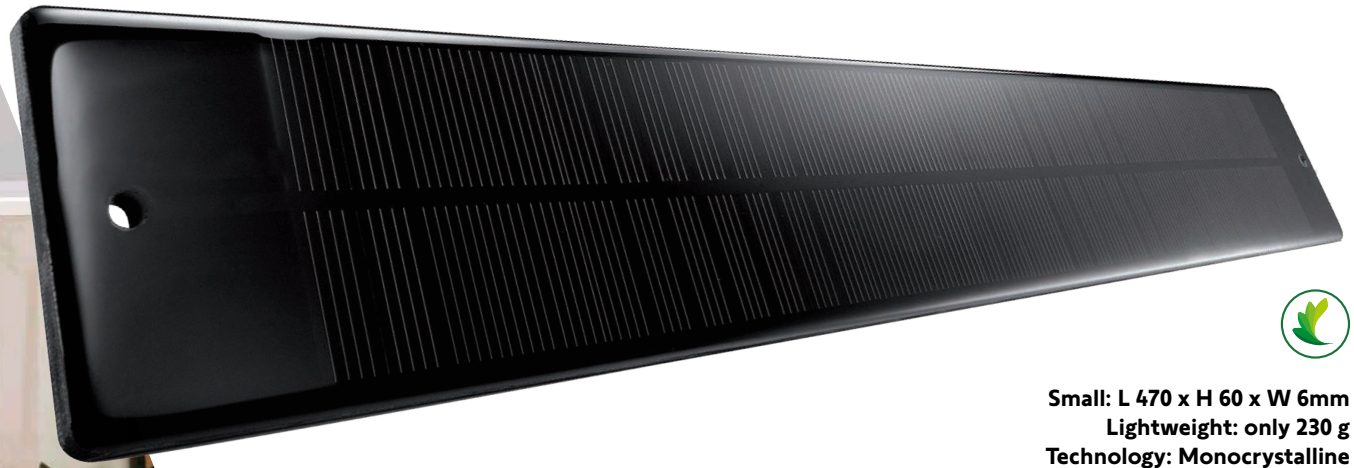
Protection of carrier product

- **“Back Release” function:** No pull on the fabric in the upper position
- **“Soft start/Soft close” function:** Gentle fabric operation
- **Compatible with Soliris io wind/sun sensors and Ondeis io rain sensor**

Aesthetics of the fabric are preserved

- **“Back Impulse” function:** perfect fabric tension. Automatic length adjustment to adapt/correct fabric length due to outside temperature differences over the seasons.

A **photovoltaic panel** to capture the daylight



Small: L 470 x H 60 x W 6mm
Lightweight: only 230 g
Technology: Monocrystalline

- **Just one panel,** for all motor torques
- **Solar panel operating life:** more than 20 years

Battery:2 solutions for each type of installation

Technology: NiMH
Capacity: 2,200 mAh
Operating temperature: -20° to +70°C
Already charged when delivered

30 days
autonomy

- **Battery without a cover:** installation inside a casing
- **Battery with aluminium cover:** installation outside with attached screwed brackets or double-sided adhesive tape
- **Battery autonomy:** 30 days in complete darkness, based on two cycles per day
- **Battery operating life:** > 8 years

The Sunea 40 Solar io motorised system is eco-designed to comply with the requirements of the Act For Green label.

The product's eco-friendly design aims to reduce the environmental impact of the product over the course of its entire life cycle, from the extraction of the raw materials to the end of its life.

ACT FOR GREEN

5 commitment criteria

Power consumption

- No electrical power supply.
- 0 kWh of mains electricity consumed.

Resources

- Materials and electronic components comply with the REACH and RoHS European regulations.
- Solution tested directly by an external certified laboratory.

Packaging

- Box, wedges, and instruction booklets are made of renewable and recyclable materials.

Durability

- **Battery life:** more than 8 years
- **Panel working life:** more than 20 years
- **Repairability:** The battery can be removed and replaced without having to change the motor and the panel.
- **Recycling:** At the end of their life spans, our products can be collected and processed by certified eco-organisations to ensure optimal recycling

Environmental statement

- An online environmental declaration PEPecopassport® is made for labelled products and externally verified by Bureau Veritas

4.72 kg CO_2 eq.
Global Warming*

6.29 MJ
Total use of primary energy*

9.46E-04 kg SB eq.
Depletion of an abiotic resource*

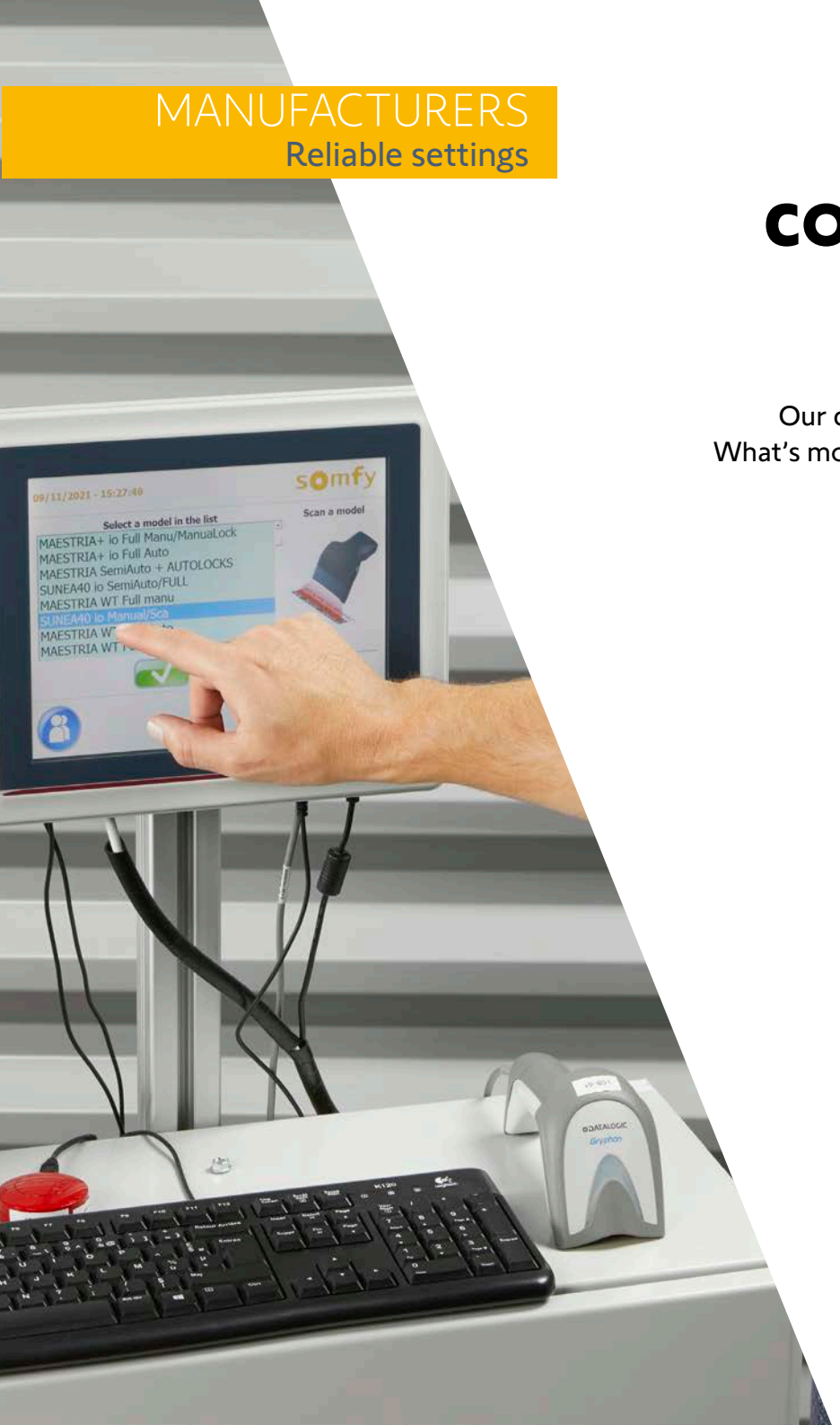
*Results based on the lifecycle analysis

PEP ecopassport®

Extract from individual
PEPecopassport
SOMF-00058-V01.01-EN
www.pep-ecopass

GUARANTEED RELIABLE SETTINGS

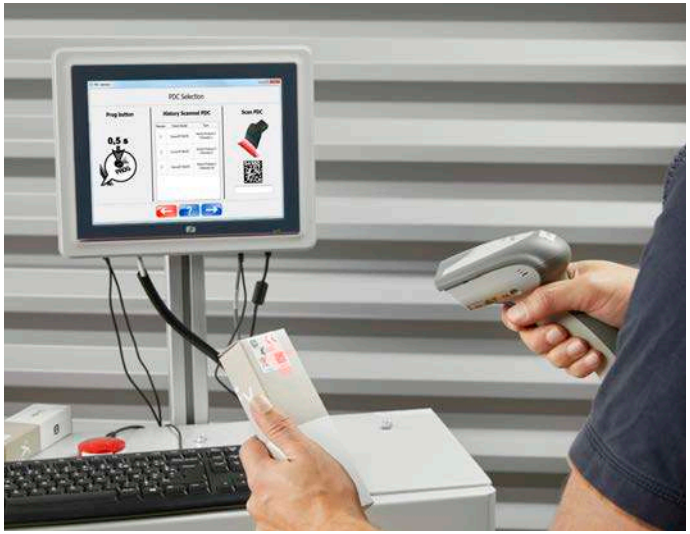
for manufacturers for all screens (vertical screens, lateral arm awnings and valances)



Sunea 40 Solar io configuration from the EMS2

Our configuration tool lets manufacturers set motors with no risk of operator error. What's more, your easy integration is guaranteed with Sunea 40 Solar io thanks to fast barcode pairing, and no need to remove products from their packaging.

You can customise your motor settings and keep a data record.



ENSURING 100% SUCCESSFUL INSTALLATION

Save time

A solar vertical screen can be installed three times faster than standard electric motorised vertical screens. You can easily install Sunea® 40 Solar io as there is no need for an electrical wiring and installation takes place entirely from the outside.

Somfy has developed

dedicated professional tools

to assist installers at every stage of their project:

- **Our Somfy Solar application** lets installers and sales representatives produce a custom diagnostic report to guarantee the performance of Sunea® 40 Solar io prior to installation.

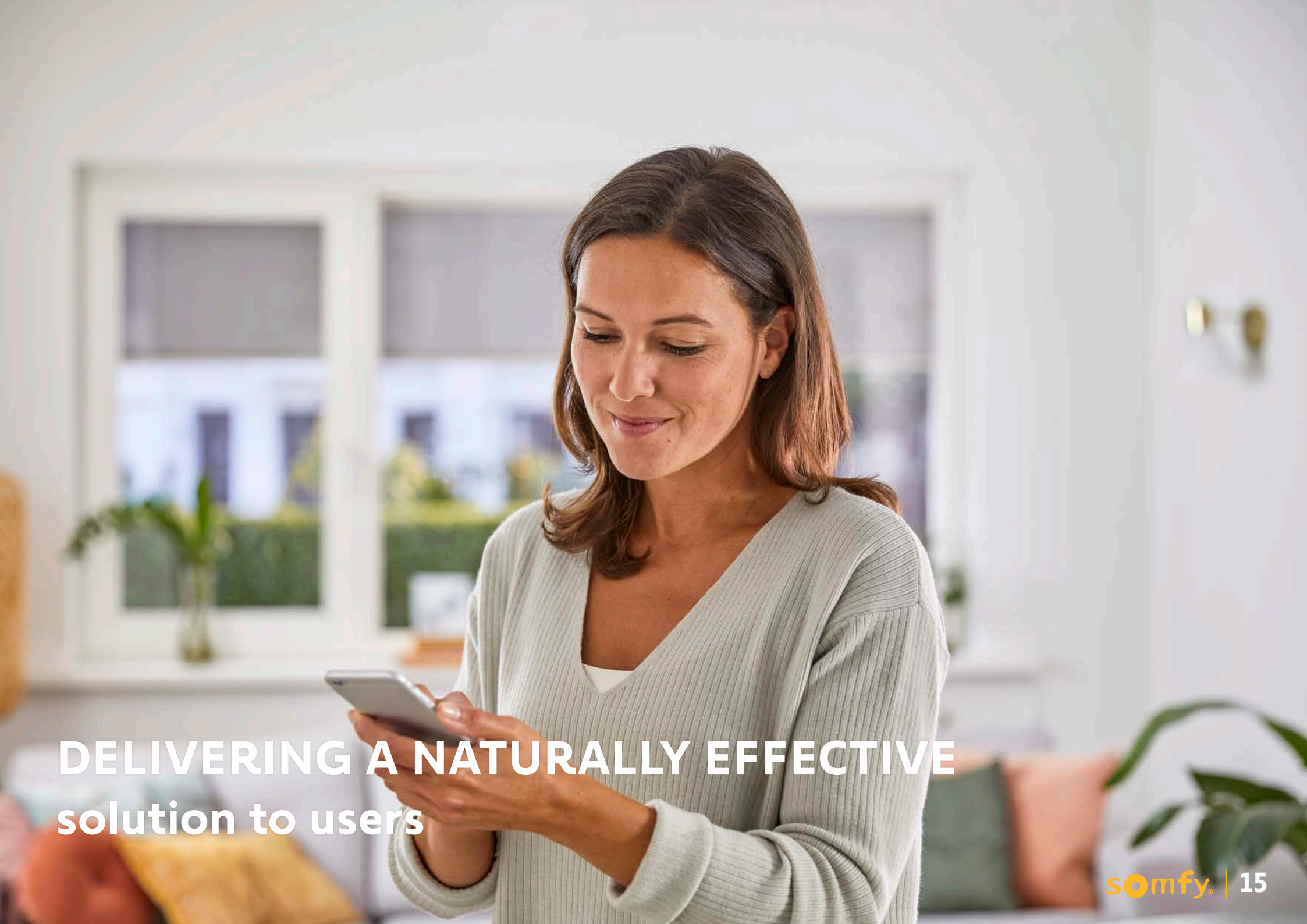
  Installers can make sure windows are suitable for installation in just 3 clicks:

  1. They enter the dimensions;
  2. They take a photo;
  3. They check diagnostic report results to know whether the window can be motorised by a solution that is self-powered by natural light.

- Our **TaHoma pro application** provides installers step-by-step guidance to commission all connected devices quickly and reliably.

- Our **Serv-e-go online maintenance tool** offers installers a clear overview of the fully installed connected system, helping them to diagnose problems and better prepare customer service calls.

  For instance, installers can view remotely the battery status as well as adjusting specific settings, with customer consent.



DELIVERING A NATURALLY EFFECTIVE solution to users

An autonomous solution:

Somfy's motorised solar vertical screen requires no major work

Standard screen motorisation involves a lot of work, with connections to the electrical system and drilling into walls.
Our autonomous Sunea 40 Solar io solution requires no connections to the mains electricity and the electrical system. Installation is completed by a professional from outside, even when there is nobody at home!

Your guaranteed durable solution

with motorised solar vertical screens

Thanks to a soft start and close function the motor enables a long-lasting lifespan.
Combined with the Somfy io wind/sun sensor, screens are protected from the wind.

Your everyday life made easier

with connected, motorised solar vertical screens

Installing motorised solar vertical screens is the first step towards a more comfortable and practical home.
Pairing screens opens up a multitude of possibilities for users.

Using the TaHoma switch smart control,

you can pair and control all the screens in your household.

Introducing TaHoma® switch, the smart control for a simplified smart home experience. Users can customise the two control buttons to trigger scenarios to suit their devices and daily routine.
By way of example, the "Leaving home" scenario will close the vertical screens and turn off the lights whereas the "Arriving home" scenario will do the opposite.

TaHoma switch is compatible with close to 300 equipment ranges. It is also compliant with Somfy RTS, io-homecontrol® and Zigbee 3.0 protocols as well as the Amazon Alexa, Google Assistant and Siri voice assistants (Apple HomeKit compatibility).

About Somfy

Founded in France in 1969 and now with a presence in 58 countries, SOMFY is the world leader in automatic openers/closers in homes and other buildings.
As a pioneer of the connected home, the Group is constantly innovating to guarantee its users comfort, well-being, and security in the home and is fully committed to promoting sustainable development.
For 50 years, Somfy has been using automation to improve living environments and has been committed to creating reliable and sustainable solutions that promote better living and well-being for all.

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