Glydea ULTRA 50 WireFree Zigbee
Curtain Motor

The stylish and versatile smart curtain motor.



PRODUCTS MAIN FUNCTIONALITIES

- Touch motion
- Designed for silence
- Zigbee 3.0 Bi-directional feedback through TaHoma by Somfy app
- Soft-start and soft-stop
- Battery level and position feedback
- WireFree For simpler installation
- Adjustable speed In increments of 1rpm with TaHoma pro app
- USB-C fast charge
- 'my' favourite position
- Openness of the Zigbee protocol
- Simple, quick and error-free commissioning through TaHoma pro app
- Compatible with TaHoma switch
- Manual override in case of power failure
- Compatible with 1-way and 2-way openings
- Powerful lifting capacity (up to 50kg)

5 YEARS WARRANTY

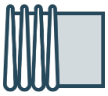
Works with Apple Home

somfy

COMPATIBLE END PRODUCTS


Accordian


Ripplefold


Pinch Pleat

Glydea ULTRA 50 WireFree Zigbee Curtain Motor

BENEFITS FOR PROFESSIONALS

Powerful and reliable:
- Up to 50kg lifting capacity. Max track length is 12m
- Adjustable speed
- Zigbee 3.0 protocol

Easy Installation:
- No need for pre-wiring
- Quick and easy commissioning via TaHoma pro app
- Compatible with USB-C fast charger
- Dedicated intelligent drive pulley allows for versatility of the motor installation (4 positions available)
- Adaptor plate available (sold separately) so motor can be mounted on Drive Pulley [1780945]
- Dedicated motor hooks that work with both hook and snap solutions

Easy maintenance:
- Replaceable lithium-ion battery pack
- Remote maintenance to optimise after-sales service and customer support with Serv-e-Go
- Real-time feedback for connected equipment

Reliability:
- Highly secure protocol
- Somfy Quality and Warranty

TECHNICAL DATA

Power Supply	Rechargeable 21.9V Li-ion battery pack
Index Protection Rating	IP30 (indoor use only)
Temperature Working Range	0°C to 60°C
Charging Temperature	0°C to 45°C
Insulation Class	Class III

BENEFITS FOR END USERS

Convenient and smart:
- Assure privacy, thermal comfort and light balance for daily comfort
- Control via remote, app, voice assistant
- Real-time feedback on curtain position and battery level (TaHoma by Somfy app)

Discreet:
- Compact aesthetic design with new accessories to accommodate Ripplefold curtains
- Adjustable limits for custom curtain positioning
- Ultra-quiet operation and precise motion with soft start and soft stop

Discreet:
- No electrical wires
- Fast-charging via USB-C charger
- Compatible with magnetic accessories for easy charging

PERFORMANCE

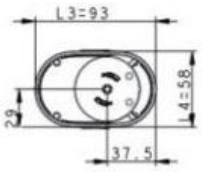
Loading	50kg
Nominal Torque (Nm)	0.7
Speed (rpm)	**Discreet:** 53 rpm (7.5cm/s) **Nominal:** 105 rpm (15cm/s) by default Adjustable via apps 88-123rpm (12.5-17.5cm/s)
Sound (dBA)[2]	32dBA[1] (discreet), 40 dBA[1] (default)
Radio Frequency	2.4 GHz
Radio Protocol	Zigbee 3.0
Max Track Length	12m
Minimum Bend Radius	300mm
Battery Autonomy	9 months[2]
Charging Time	< 4 hours (80% capacity)
Reference	1246594
Low battery indicator	LED on motor & via TaHoma by Somfy App
Radio Range	7m [in room: extendable with Zigbee repeaters]

1 Power level: Measurements according to standards ISO 3741 in dB(A) ref 1pW, with no load, between 20°C and 35°C. Average value between Open direction and Close direction, based on 5 samples.
***2** Test based on 50kg, 6m straight, 2-way, 1 open and close per day*

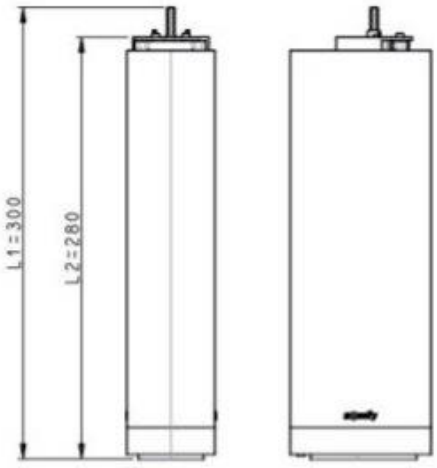
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DIMENSIONS

L1	300mm
L2	280mm
L3	93mm
L4	58mm







FUNCTIONALITY

Adjustable limits	Yes
Adjustable speed	Yes
Touch motion	Yes
Soft Start, Soft Stop	Yes
Manual override	Yes
Tandem operation	No
Compatible with Glydea Ultra Track and Curtain Accessories	Yes *(Refer to accessories list below)*
Compatible with Apple HomeKit	Yes *(if paired to TaHoma switch)*
Compatible with WF Solar Panel [9029114]	No
Compatible handheld controls	Ysia 1 Channel: 1871153 Ysia 5 Channel: 1871154

WIREFREE ELECTRONICS AND ACCESSORIES *(each product sold separately)*

Accessories available:

9029480	**Motor Hook for Glydea 50 WireFree Zigbee** *(Motor hook compatible with both hook and snap solutions)*	
9029481	**Drive Pulley for Glydea 50 WireFree Zigbee** *(allows the Glydea Ultra 50 Wirefree motor to be mounted in 4 different angles)*	
9029482	**Drive Pulley Adaptor Plate for Glydea 50 WireFree Zigbee** *(Allows Glydea Ultra 50 Wirefree to be mounted onto Glydea Ultra Drive Pulley Assembly [1780945].*	

Power Supply, Charging & Electronics:

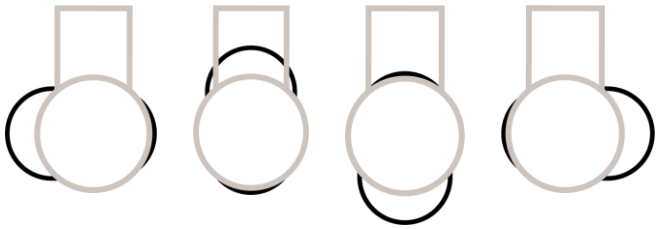
9028922	Zigbee Li-ion USB-C Charger
9028564	Magnetic Adaptor for Zigbee USB-C Charger
9028563	Magnetic Rigid Cable for Zigbee USB-C Charger
9028565	USB-C Zigbee 20cm Charging Extension Cable
9029512	Pro – Charging station USB-C 16 port [AU plug]
9025268	Glydea Ultra 50 Wirefree Li-ion battery only (spare part)

BATTERY CONSIDERATIONS

To retain the motor's battery lifespan, Somfy recommends recharging the battery at least once every 12 months, even if power remains. If the battery goes flat, recharge it immediately. Leaving a battery fully discharged for more than two months may irreparably damage its ability to recharge.

INSTALLATION CONSIDERATIONS

Motor Mounting with Drive Pulley

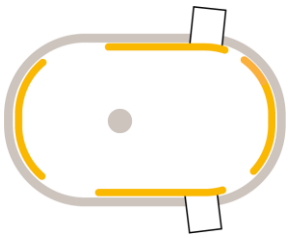


Versatile mounting allows 0, 90, 180, -90 degree positioning to better accommodate various types of curtains.



[9029481] Drive Pulley for Glydea 50 Ultra WireFree Zigbee

Motor Hook



Versatile motor hooks that work with Pinch Pleat hooks and RippleFold® snaps.

Side View

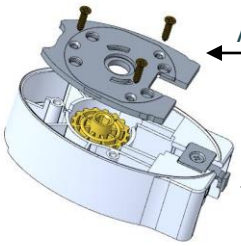


Front View



[9029482] **Motor Hook for Glydea 50 Ultra WireFree Zigbee**

Drive Pulley Adaptor Plate



Upgrade an existing curtain installation with a Glydea Ultra 50 Wirefree Zigbee motor by simply adding the adaptor plate to the top of the drive pulley [1780945].

1 motor position available with the drive adaptor plate.



[9029482] Drive Pulley Adaptor for Glydea Ultra 50 WireFree Zigbee

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