

MOTORIZATION

Motor • Control • Connected Home

A practical selection guide for Hudson dealers and installers.

AMP™ MOTORIZATION



SOMFY® MOTORIZATION



Two Motorization Families

AMP™ MOTORIZATION

Tubular and narrow-shade motor options with RF control, rechargeable/external battery configurations and connected-control accessories.

SOMFY® MOTORIZATION

Sonesse WireFree RTS motors with rechargeable Li-ion power, RTS controls and TaHoma connected-home integration.

1. AMP™ Motorization

Hudson offers AMP motorization configurations for compatible window coverings. The motor is selected as part of the complete shade system—not as a stand-alone size choice.

AMP25B Rechargeable Tubular Motors

Model	Rated Torque	Rated Speed	Rated Power
AMP25B-0.7/34	0.7 N·m	34 rpm	8 W
AMP25B-1.1/28	1.1 N·m	28 rpm	10 W

These AMP25B models use an integrated rechargeable Li-ion battery. Manufacturer instructions specify a 5 V charging input and an initial full charge before first use.

AMP25BDC-1.1/28 — Narrow Shade Motor

Torque / Speed	1.1 N·m / 28 rpm; adjustable speed settings
Power	12 V DC, 12 W
RF	Built-in RF control, 433.92 MHz
Applications	Roller, sheer, banded/revolve, roman and narrow-width shade applications



2. Somfy® Motorization

Hudson's Somfy offering can be specified around Sonesse WireFree RTS motors and compatible Somfy controls. Product names and specifications below are based on current Somfy manufacturer documentation.

Sonesse® ULTRA 30 WireFree RTS (Li-ion)

Somfy Reference	1003310
Power	12 V DC; built-in rechargeable Li-ion battery
Radio	RTS, 433.420 MHz
Noise	42 dB
Connected Control	Compatible with TaHoma® switch

Somfy rates this model at 2 N·m lifting capacity and positions it for larger interior shades. Adjustable speed and solar-charging options are supported by the current manufacturer documentation.

Sonesse® 40 WireFree RTS (Li-ion)

Somfy Reference	1240485
Power	12 V DC; built-in rechargeable Li-ion battery
Radio	RTS, 433.420 MHz
Noise	49 dB
Connected Control	Compatible with TaHoma® switch

This larger Sonesse WireFree model is intended for applications that require greater lifting capability. Final suitability depends on the complete Hudson shade configuration.

Somfy Controls

Control	Function	Dealer Use
Situo® 1 RTS Pure II	One RTS channel; controls one covering or one group; favorite-position function.	Simple dedicated handheld control.
TaHoma® switch	Smart hub for RTS and Zigbee products; app and automation integration.	App control, schedules, scenes and supported smart-home integrations.

3. How to Specify the System

- Start with the Hudson window-covering product and exact finished dimensions.
- Confirm fabric/material weight, tube or headrail system, and required lifting capacity.
- Choose the power strategy: rechargeable/wire-free, external battery, solar-assisted or another approved configuration.
- Choose the customer experience: handheld remote, wall control, app, schedules, scenes or smart-home integration.
- Confirm motor side, charging access and service access before production.
- Use only the approved motor, crown/drive, bracket and control combination for the specific Hudson system.

4. Quick Control Matrix

Need	Remote	Gateway / App	Typical Approach
Basic motorized operation	Yes	No	Dedicated RF remote
Multiple shades / groups	Yes	Optional	Multi-channel/group control
Schedules / scenes	Optional	Yes	Compatible bridge or TaHoma
Voice / smart home	Optional	Yes	Gateway + supported ecosystem

5. Dealer Order Checklist

- Product / style
- Width × height
- Fabric / material
- Mount type
- Motor family and approved model
- Motor side
- Power / charging method
- Remote / wall control
- Gateway / app requirement
- Grouping / room assignment
- Installer access
- Final compatibility verification

IMPORTANT: Published motor specifications describe the motor itself. Maximum shade dimensions and approved combinations must be determined from the current Hudson product configuration and manufacturer technical data.

Manufacturer References

- AMP Motorization — AMP25B / AMP25BDC manufacturer programming and specification documents.
- Somfy — Sonesse ULTRA 30 WireFree RTS (Li-ion), Ref. 1003310.
- Somfy — Sonesse 40 WireFree RTS (Li-ion), Ref. 1240485.
- Somfy — Situo 1 RTS Pure II, Ref. 1870571.
- Somfy — TaHoma switch, Ref. 1871037.