



— TECHNOLOGY OVERVIEW · SUNX

# The shade moves itself.

Motorization and open control. SUNX shades move on command and integrate with the building-automation and control systems you already specify — openly, with no proprietary lock-in.

## SUNX DRIVE — MOTORIZATION

A single motorization approach spans interior and exterior systems. Four drives cover the full range: quiet interior rollers, high-speed drops, wire-free retrofit, and exterior sensor-ready screens. Each is selected for the system and the opening — torque and speed sized to span and weight.

<b>RM</b> Line-voltage tubular	<b>RM-HS</b> High-speed tubular	<b>LP</b> Wire-free lithium	<b>XT</b> Exterior · sensor-ready
Torque <b>10–50 Nm</b>	Torque <b>6–10 Nm</b>	Torque <b>10 Nm</b>	Torque <b>15 Nm</b>
Speed <b>12–17 rpm</b>	Speed <b>28–30 rpm</b>	Speed <b>13 rpm</b>	Speed <b>30 rpm</b>
Supply <b>230 V AC</b>	Supply <b>230 V AC</b>	Supply <b>12 V DC · Li</b>	Supply <b>230 V AC</b>
IP <b>IP44</b>	IP <b>IP44</b>	IP <b>IP44</b>	IP <b>IP44<sup>1</sup></b>
SUNZIP · TENZA · DUO	Large interior · projection · tall drops	Retrofit · no power at head	MERIDIAN · VELARIA

## SENSORS — WEATHER AND LIGHT INPUT

Three sensors signal the motor directly over open radio, so shading acts on real conditions — not schedules alone.

<b>Sun + Wind</b> <b>IP55</b> 9 levels each · 433 / 868 MHz	<b>Wind</b> <b>IP65</b> 9 sensitivity levels · 868.3 MHz	<b>Glass (light)</b> <b>On request</b> Lux at-glass · 433.92 MHz
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## OPEN COMPATIBILITY — SYNC

SYNC is not a separate product — it is the open-compatibility layer over any motorized SUNX shade. It responds to sensors, schedules and sun position through the control systems already on the project. No proprietary controller is required; no motor or automation brand is locked in.

SENSOR → CONTROLLER → SUNX SHADES

## BUILDING PERFORMANCE

### Less to cool

Solar gain intercepted at the opening means less heat for the HVAC to remove.

### Less to light

Daylight held at a usable level reduces reliance on electric lighting through the day.

### Steady, by zone

Zoned automation keeps conditions stable instead of reacting after the space overheats.

<sup>1</sup> XT exterior IP rating is IP44; a higher exterior rating is available on request — not assumed. Torque and speed figures as published by the drive manufacturer and confirmed per project. Sensor specifications as published in the SUNX Sensors technical sheet. Drives integrate with open-protocol controls; no third-party control brand is implied.