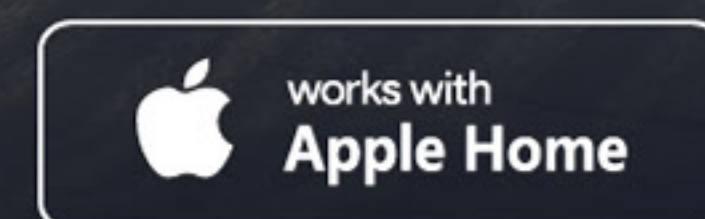
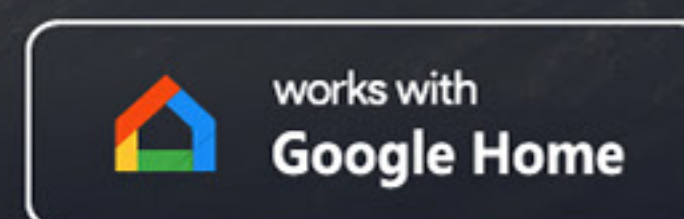
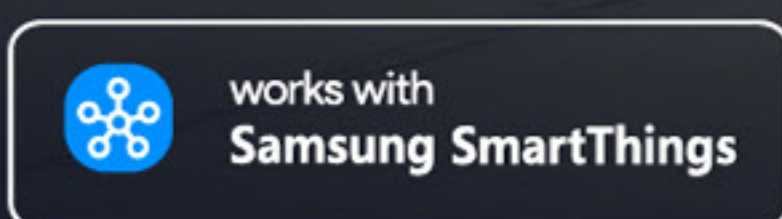


SMART AWNING MOTOR

Connectivity | Energy-efficiency | Comfort



PRODUCT CHARACTERISTICS

Ø45^{MM} SERIE NEXT

Unique solutions combining innovation&quality

sun & wind Automatic Functions

Automatically controls sun protection by adjusting thresholds based on measured sunlight intensity and wind speed

Electronic Stop Detection & Back Release

Once the cassette closes under precise torque control, the motor stops immediately to protect the mechanism and followed by a back release rotation after the cassette closure to relax the fabric, avoids the danger of over-stretching the awning fabric, then remember the stop position as the upper end limit(25 cycles automatic calibration)

Support LED 100_w Strip

Switch Mode Power Supply

The motor integrates a built-in SMPS, enabling direct connection to external LED strips

Motor Head

Head in Zinc-Alloy

Universal Star Shape Head

Sun on /Sun off

Easily activate or deactivate automatic sun management using the remote control

Fabric Tightening

With a smooth and precise retraction system, when the awning extends outward and reaches its end limit, the fabric tightens seamlessly, eliminating wrinkles and creating a sleek, tensioned surface.

Communication & Control Options

With Wi-Fi smart chipset and radio chipset, available for variety control options via remote, APP or voice assistant

FSK Bidirectional Technology

FSK technology with long-distance and good sensitivity, 868MHz bi-directional communication technology with super security to protect your awning

Stepless Dimming

Create the perfect evening ambience with innovative lighting solutions featuring On/Off LED strips and seamless stepless dimming



EFFORTLESS LIVING BEGINS

WITH HOME AUTOMATION



- 
Awnings with invisible arms
- 
Cassette awnings with invisible arms
- 
Straight-arm awnings
- 
Vertical awnings
- 
ZIP vertical awnings

MULTIPLE CONTROL METHODS



TOUCH CONTROL

Multiple touch controls options including wall switches, remotes controls and touch panels offering flexible daily convenience.

motorize your shades with a click of a button using transmitter and motor.

APP & VOICE CONTROL

A-OK self-developed app based on smart technology ensures seamless comfort for everyone.

using your voice to control your smart home.



WEATHER/SENSORS

Smart devices to detect wind and sun intensity, automatically open or close shades according to the weather conditions.

TIMER SETTINGS

Open or close shades automatically at the pre-set times, based on your comfortable needs.

PRODUCT PARAMETERS

Model No.	Nominal Torque	Nominal Speed	Rated power	Rated current
AM45-50/12-MEL-CAL-W	50Nm	12rpm	280w	1.22A
AM45-30/17-MEL-CAL-W	30Nm	17rpm	240w	1.05A
AM45-20/17-MEL-CAL-W	20Nm	17rpm	195w	0.85A
AM45-15/17-MEL-CAL-W	15Nm	17rpm	145w	0.65A

Radio Frequency	Tube Diameter	Temperature working
868MHz	45mm	-20~+65°C
Thermal time	IP Class	Built-In Chip
4min	IP44	RF+WIFI

◀ The following parameters Applicable to all the above models

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