

ElectroShade®

The Most Versatile AC- or DC-Powered Motorized Shade System

ElectroShade motorized shade systems are the recognized industry leader in commercial shade solutions. Our motorized shades utilize patented technology to provide power and performance to create an optimal shade lift experience.



Versatile and Scalable

When it comes to motorized window shade performance, Mecho is the leader. The ElectroShade system provides the flexibility to fit a client's various wiring, budget, and shade operation needs. ElectroShade can cover standard shade sizes while extending to support challenging installation requirements, including conference rooms, high bay windows, and atriums.



Intelligent

ElectroShade has precision-control electronics and MechoNet™ all inside one shade tube. Available with advanced features that can alert you to potential maintenance issues before it creates an interruption in shade functionality.

Quiet & Powerful

ElectroShade has the largest lift capacity in its class, capable of lifting shades up to 600 sq. feet. This means you can lift larger single shades—or more coupled shades. All with quiet operation, as low as 38dBA, ideal where silence is required.

> [Learn more about ElectroShade motor options on back](#)

The Go-To Solution

Ideal in any commercial environment where power and silence are required

- Corporate
- Healthcare
- Education
- Hospitality

ETL Listed

ElectroShade motors are ETL listed covering three different safety standards. ETL listing ensures the highest quality, safety, and reliability; streamlining construction and eliminating inspection concerns



Limited Warranty

All ElectroShade motors are covered by Mecho's five-year warranty.



Mecho's extensive line of shade cloth is covered by a separate 25-year warranty with several fabrics holding cradle-to-cradle certifications.

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ElectroShade® Motor Options

iQ3 DC

Patent-Pending Obstacle Detection

Obstacle detection helps avoid damaged shades by monitoring the shade movement and sensing changes. This breakthrough feature can help prevent disruptive and costly shade maintenance.



Narrow Windows, Now Motorized

The best-in-class minimum shade width of 21.5" helps ensure the same solution can be applied across a project.

2-Way Wireless Solution

This system ensures commands are received and acted upon. System data is shared with the network to enhance performance and reliability.

Improved Room Economics

Up-to a 60% cost reduction is possible by reducing wiring requirements and eliminating wireless infrastructure equipment.

iQ3-DC Features

- Auto return to automation.
- Pocket heat gain sensing.
- Quiet operation (<40dBA)
- Variable speed control between 10-28rpm.
- Best-in-class 4Nm power. Can be extended to 18 Nm via the use of LAMs.
- Integrates with SolarTrac shade automation as well as third party controls. Also can integrate via wireless (EnOcean).

iQ2 DC

Internal Shade System Diagnostics

The iQ2-DC motor alerts building managers to potential maintenance issues before it creates an interruption in shade functionality, preventing shade damage, and reducing repair costs.



Enhanced Performance

With the low-voltage (24VDC) motor, the iQ2-DC can raise bigger single or coupled shades as large as 600 sq. ft.

Strong & Silent

Ideal for libraries, education, and healthcare facilities offering the industry's best power to sound-level performance.

iQ2-DC Features

- Integrates with Mecho's automation systems and EnOcean wireless controllers using MechoNet.
- ETL Listed to UL325.
- Shade adjustments accurate to +/- 1/16th of an inch.
- Low-voltage dry contact control and bi-directional serial networking directly within the head of the motor.

iQ2 AC

Quiet, Powerful Performance

iQ2-AC delivers building-wide performance with a quiet and robust motor tucked into the shade tube that delivers high-torque lifting capacity (6 to 200Nm) that can handle a flexible array of shade sizes.



Wiring Made Simple

iQ2-AC features a daisy-chain wiring for both power and networking, eliminating the need for power equipment in an electrical closet or ceiling.

Networking Gone Native

MechoNet provides network control, in addition to dry contact control along with communication to existing building systems.

iQ2-AC Features

- MechoNet two-way communication.
- ETL Listed to UL325.
- Third-party integration.
- AC motor provides DC power to accessories.
- Networked components are configurable for on-or-off-site operation.

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