

NEO SMART BLINDS

We design and manufacture motors and automation products for the window coverings industry



2025
PRODUCT CATALOG



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Neo Wand	Discover wand options in lengths of 21, 39, and 51 inches, each equipped with 2 favorite position, open and close controls, and a charging port. Easily configure settings using control buttons and dedicated buttons on the back.	14
Neo Remote Controls	Choose from our RF handheld remote controls, available in 2, 6, 15, or 30 channels, each supporting 2 favorite position settings. The remotes come in both white and black options, with additional choices of 2 and 8 channel wall remote controls.	23
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NEO SMART BLINDS

Innovative automation solutions designed for manufacturers and installers, offering smooth integration, extensive compatibility, and user-friendly control.



Introduction

Neo Smart Blinds is a **Canadian company based in Montreal**, specializing in motorization and automation solutions for the window coverings industry. Since 2012, we have been **designing, developing, and manufacturing** a wide range of products, including tubular, venetian, and drapery motors, solar panels, remote controls, and accessories. With expertise in **RF, Wi-Fi, and Bluetooth technologies**, we provide **easy automation through our intuitive apps**.

Trusted by manufacturers and dealers across North America, Europe, and Australia, our solutions are designed to be adaptable and easy to integrate. The **Smart Controller, our multi-protocol RF hub**, simplifies automation by **supporting over 20 motor brands** and connecting with leading smart home platforms such as **Amazon Alexa, Google Home and Apple Home**. With **in-app guided setup tailored to each motor brand**, installers and users can configure their systems with confidence.

For a **cost-effective alternative**, our **wand motors** offer manual or app control, real-time feedback, and automated scheduling via Blue Link, a Bluetooth dongle. Whether you're working with multiple motor brands, planning a transition, or expanding your smart home offerings, **Neo Smart Blinds provides the flexibility and reliability to power your business**.

Enhance your product line with flexible, future-ready motorization and control to meet customer needs.

Our Services Custom Hardware

Need hardware that works with your existing tubes and parts? We design and manufacture solutions that integrate perfectly with our motors, making transitions and upgrades effortless.

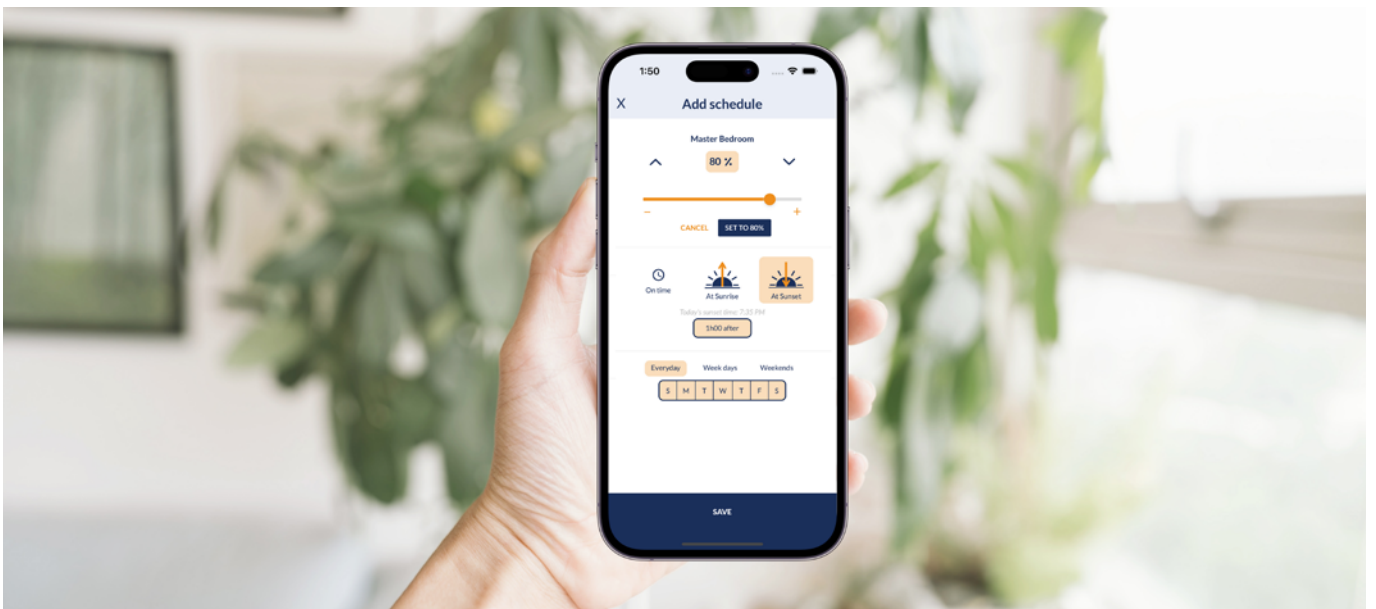
White Label Motors

Create a motor line that reflects your brand. Customize everything from logo and color to operational parameters, wire length, drive, and crown sizes—ensuring a seamless fit for your product lineup.

Smart Controller & App Customization

Make the Smart Controller and Neo Smart Blinds app your own with flexible branding options:

- **Setup Code:** Personalize the app with your brand's logo, colors, technical support details, and tailored motor protocols, remote controls, and blind types—perfect for businesses that want a customized experience within our platform.
- **Standalone App:** Get a fully branded app with all the technical refinements of the Setup Code. While we handle publishing and maintenance, your brand takes center stage in the Google Play and Apple App Store.



NEO MOTORS - 25 SERIES



TM-RB25-1.1/30

TM-RB25-C-1.1/30

Motor Specifications

Model	TM-RB25-1.1/30 <i>micro-USB extension</i> TM-RB25-C-1.1/30 <i>USB-C extension</i>
Description	25mm tubular RF battery motor
Electrical parameters	8.4V built-in rechargeable battery 2200mAh and 2600mAh options
Power sources	5V/1A charger 2W/15V solar panel
Operational parameters	1.1Nm, 30rpm
Control mode	RF remote control Smart Controller Blue Link port



Wireless
remote control



Battery
driven



Whisper
quiet

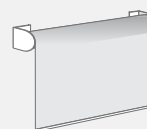


Solar
powered

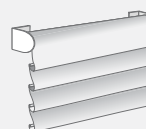
Key Features

- Built-in lithium battery lasts up to 6 months
- Charge using a USB wall charger or Neo solar panel
- Easily set the open and close limits
- Precise % position and two favorite positions
- Works with all Neo Remote Controls
- Can work with your phone instantly by connecting the optional Blue Link (Bluetooth® dongle) to the motor. The **Neo Smart Blinds Blue app** is available for iOS and Android devices.
- Comes ready to work with the Smart Controller to enable local and cloud control. The **Neo Smart Blinds app** is available for iOS and Android devices.

Blinds Types



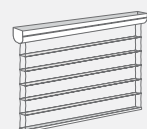
Roller



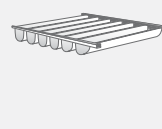
Roman



Zebra



ShangriLa



Skylight

Compatible Apps

Blue Link and Neo Smart Blinds Blue App



Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

Smart Controller and Neo Smart Blinds App



Control your blinds individually or in groups, whether at home or away. Schedule groups and create custom scenes to suit your lifestyle. Easily integrate with leading smart home platforms for enhanced convenience.

Integrations

- Amazon Alexa
- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter
- SmartThings via Matter

NEO MOTORS - 25 SERIES



TM-RT25-1.5/30

Motor Specifications

Model	TM-RT25-1.5/30
Description	25mm tubular RF transformer motor
Electrical parameters	24V DC 450 mA
Power sources	24 V DC 1.5A AC/DC Adapter
Operational parameters	1.5Nm, 30rpm
Control mode	RF remote control Smart Controller Blue Link port



Wireless
remote control



Whisper
quiet

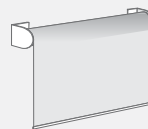


Light
adjusting

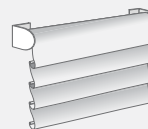
Key Features

- Powered by 24V plug-in transformer
- Easily set the open and close limits, plus two favorite positions
- Works with all Neo Remote Controls
- Can work with your phone instantly by connecting the optional Blue Link (Bluetooth® dongle) to the motor. The **Neo Smart Blinds Blue app** is available for iOS and Android devices.
- Comes ready to work with the Smart Controller to enable local and cloud control. The **Neo Smart Blinds app** is available for iOS and Android devices.

Blinds Types



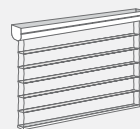
Roller



Roman



Zebra



ShangriLa



Skylight

Compatible Apps

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Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

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- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter
- SmartThings via Matter

NEO MOTORS - 25 SERIES



TM-BRB25-C-1.1/30



Motor Specifications

Model	TM-BRB25-C-1.1/30 <i>USB-C extension</i>
Description	25mm tubular Bluetooth and RF battery motor
Electrical parameters	8.4V built-in rechargeable battery 2200mAh and 2600mAh options
Power sources	5V/1A charger 2W/15V solar panel
Operational parameters	1.1Nm, 30 rpm
Control mode	RF remote control Smart Controller Built-in Bluetooth



Wireless
remote control



Battery
driven



Whisper
quiet

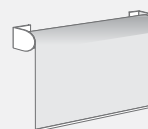


Solar
powered

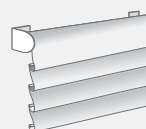
Key Features

- Built-in lithium battery lasts up to 6 months
- Charge using a USB wall charger or Neo solar panel
- Easily set the open and close limits
- Precise % position and two favorite positions
- Current position and battery level feedback
- Works with all Neo Remote Controls
- Works with your phone instantly by pairing the motor **Neo Smart Blinds Blue app**, available on both IOS & Android devices via the App Store and Google Play.
- Compatible with **Smart Controller and Neo Smart Blinds app**, available on both iOS & Android devices via App Store and Google Play.

Blinds Types



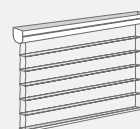
Roller



Roman



Zebra



ShangriLa



Skylight

Compatible Apps

Neo Smart Blinds Blue App



Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

Smart Controller and Neo Smart Blinds App



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Integrations

- Amazon Alexa
- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter
- SmartThings via Matter

NEO MOTORS - 25 SERIES



TM-BRB25-CN-1.1/30



Motor Specifications

Model	TM-BRB25-CN-1.1/30 <i>USB-C port</i>
Description	25mm tubular Bluetooth and RF battery motor
Electrical parameters	8.4V built-in rechargeable battery 2200mAh and 2600mAh options
Power sources	5V/1A charger 2W/15V solar panel
Operational parameters	1.1Nm, 30 rpm
Control mode	RF remote control Smart Controller Built-in Bluetooth



Wireless
remote control



Battery
driven



Whisper
quiet



Solar
powered

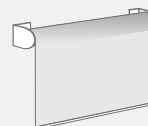


Light
adjusting

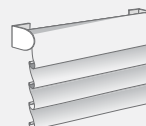
Key Features

- Built-in lithium battery lasts up to 6 months
- Charge using a USB wall charger or Neo solar panel
- Easily set the open and close limits
- Precise % position and two favorite positions
- Current position and battery level feedback
- Works with all Neo Remote Controls
- Works with your phone instantly by pairing the motor **Neo Smart Blinds Blue app**, available on both IOS & Android devices via the App Store and Google Play.
- Compatible with **Smart Controller and Neo Smart Blinds app**, available on both iOS & Android devices via App Store and Google Play.

Blinds Types



Roller



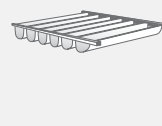
Roman



Zebra



ShangriLa



Skylight

Compatible Apps

Neo Smart Blinds Blue App



Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

Smart Controller and Neo Smart Blinds App



Control your blinds individually or in groups, whether at home or away. Schedule groups and create custom scenes to suit your lifestyle. Easily integrate with leading smart home platforms for enhanced convenience.

Integrations

- Amazon Alexa
- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter
- SmartThings via Matter

NEO MOTORS - 25 SERIES

TM-WRT25-1.5/30



Motor Specifications

Model	TM-WRT25-1.5/30
Description	25mm tubular Wi-Fi and RF transformer motor
Electrical parameters	24V DC 450 mA
Power sources	24 V DC 1.5A AC/DC Adapter
Operational parameters	1.5Nm, 30 rpm
Control mode	RF remote control Smart Controller Built-in Wi-Fi



Wireless
remote control



Whisper
quiet

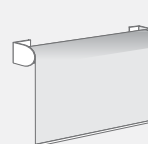


Light
adjusting

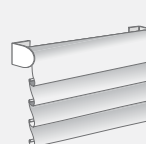
Key Features

- Powered by 24V plug-in transformer
- Easily set the open and close limits
- Precise % position and two favorite positions
- Current position feedback
- Works with all Neo remote controls
- Built-in Wi-Fi. The Smart Controller is not required.
- Compatible with **Neo Smart Blinds app**, available on both iOS & Android devices via App Store and Google Play.

Blinds Types



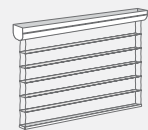
Roller



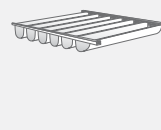
Roman



Zebra



ShangriLa



Skylight

Compatible Apps

Neo Smart Blinds App



Control your blinds individually or in groups, whether at home or away. Schedule groups and create custom scenes to suit your lifestyle. Easily integrate with leading smart home platforms for enhanced convenience.

Integrations

- Amazon Alexa
- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter*
- SmartThings via Matter*

**Available for accounts with one or more Smart Controllers.*

NEO MOTORS - 25 SERIES



TM-WOB25-CN-1.1/30

Motor Specifications

Type	TM-WOB25-CN-1.1/30 USB-C port <i>Special request</i>
Description	25mm tubular wand battery motor
Electrical parameters	8.4V built-in rechargeable battery 2200mAh and 2600mAh options
Power sources	5V/1A charger 2W/15V solar panel
Operational parameters	1.1Nm, 30rpm
Control mode	Wand control only No Blue Link port



Battery driven



Whisper quiet



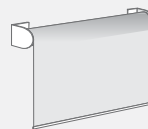
Solar powered

Key Features

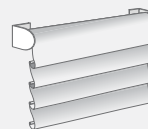
- Built-in lithium battery lasts up to 6 months
- Charge using a USB wall charger or Neo solar panel
- Easily set the open and close limits
- Control your blind with a practical wand that comes in varying sizes

Not compatible with Blue Link (Bluetooth® dongle) or any of the Neo Smart Blinds apps.

Blinds Types



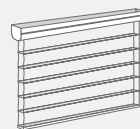
Roller



Roman



Zebra



ShangriLa



Skylight

NEO MOTORS - 25 SERIES



TM-WB25-1.1/30

Motor Specifications

Model	TM-WB25-1.1/30 <i>Micro-USB port</i>
Description	25mm tubular wand battery motor
Electrical parameters	8.4V built-in rechargeable battery 2200mAh
Power sources	5V/1A charger 2W/15V solar panel
Operational parameters	1.1Nm, 30rpm
Control mode	Wand control Blue Link port



Wireless
remote control



Battery
driven



Whisper
quiet

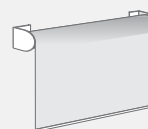


Solar panel
compatible

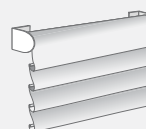
Key Features

- Built-in lithium battery lasts up to 6 months
- Charge using a USB wall charger or Neo solar panel
- Easily set the open and close limits
- Precise % position and two favorite positions
- Can work with your phone instantly by connecting the optional Blue Link (Bluetooth® dongle) to the motor. The **Neo Smart Blinds Blue app** is available for iOS and Android devices.

Blinds Types



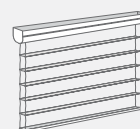
Roller



Roman



Zebra



ShangriLa



Skylight

Compatible Apps

Blue Link and Neo Smart Blinds Blue App



Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

NEO MOTORS - 25 SERIES



TM-WB25-CN-1.1/30

Motor Specifications

Model	TM-WB25-CN-1.1/30 <i>USB-C port</i>
Description	25mm tubular wand battery motor
Electrical parameters	8.4V built-in rechargeable battery 2200mAh and 2600mAh options
Power sources	5V/1A charger 2W/15V solar panel
Operational parameters	1.1Nm, 30rpm
Control mode	Wand control Blue Link port



Wireless
remote control



Battery
driven



Whisper
quiet

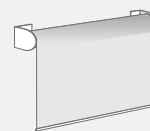


Solar
powered

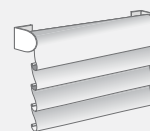
Key Features

- Built-in lithium battery lasts up to 6 months
- Charge using a USB wall charger or Neo solar panel
- Easily set the open and close limits
- Precise % position and two favorite positions
- Can work with your phone instantly by connecting the optional Blue Link (Bluetooth® dongle) to the motor. The **Neo Smart Blinds Blue app** is available for iOS and Android devices.

Blinds Types



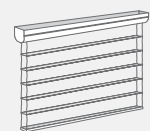
Roller



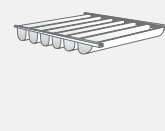
Roman



Zebra



ShangriLa



Skylight

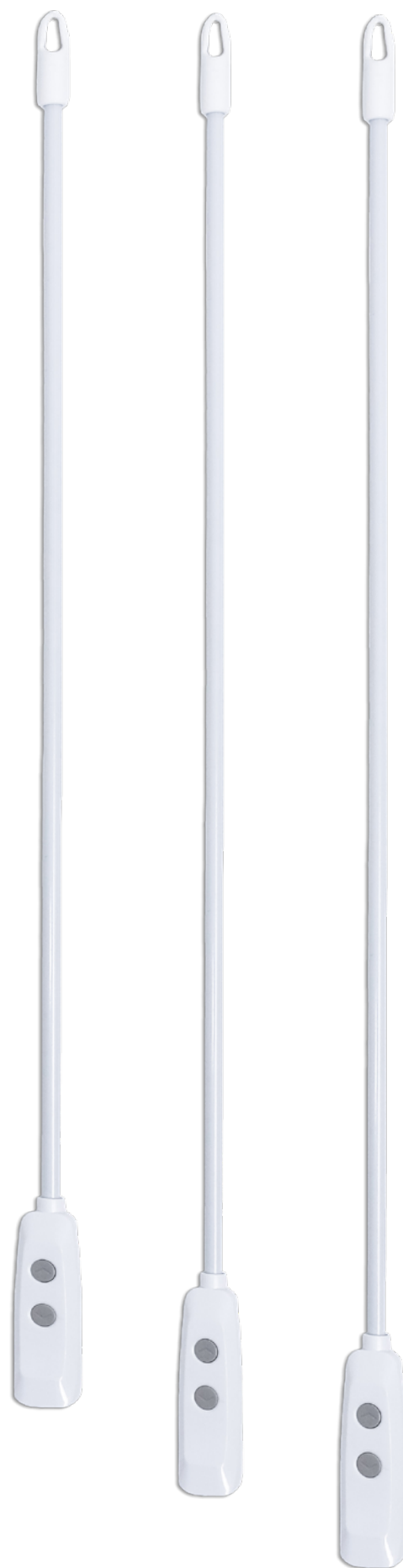
Compatible Apps

Blue Link and Neo Smart Blinds Blue App



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NEO WAND



Neo Wand specifications

- Indoor use only
- Working temperature: -20°C ~ +55°C

Models

WAND-21	21 inches (53 cm)	TM-WB25-1.1/30
WAND-39	39 inches (99 cm)	
WAND-51	51 inches (129.5 cm)	
WAND-C-21	21 inches (53 cm)	TM-WOB25-CN-1.1/30 TM-WB25-CN-1.1/30
WAND-C-39	39 inches (99 cm)	
WAND-C-51	51 inches (129.5 cm)	

NEO MOTORS - 25 SERIES



TM-RB25-C-2/22-26

Motor Specifications

Type	TM-RB25-C-2/22-26 <i>USB-C extension</i>
Description	25mm tubular RF battery motor
Electrical parameters	12.6V built-in rechargeable battery 3000mAh
Power sources	5V/1A charger 2W/15V solar panel
Operational parameters	2Nm, 22-26 rpm
Control mode	RF remote control Smart Controller Blue Link port



Wireless
remote control



Quiet

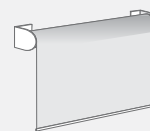


Light
adjusting

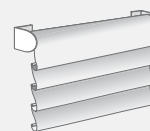
Key Features

- Built-in lithium battery lasts up to 6 months
- Charge using a USB wall charger or Neo solar panel
- Easily set the open and close limits
- Precise % position and two favorite positions
- Works with all Neo Remote Controls
- Can work with your phone instantly by connecting the optional Blue Link (Bluetooth® dongle) to the motor. The **Neo Smart Blinds Blue app** is available for iOS and Android devices.
- Comes ready to work with the Smart Controller to enable local and cloud control. The **Neo Smart Blinds app** is available for iOS and Android devices.

Blinds Types



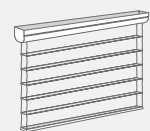
Roller



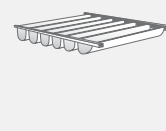
Roman



Zebra



ShangriLa



Skylight

Compatible Apps

Blue Link and Neo Smart Blinds Blue App



Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

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Integrations

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- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter
- SmartThings via Matter

NEO MOTORS - 35 SERIES



TM-RA35-3/26

Motor Specifications

Model	TM-RA35-3/26
Description	35mm tubular RF AC motor
Electrical parameters	110V AC 60Hz 100W 1.0A
Power sources	-
Operational parameters	3Nm, 26 rpm
Control mode	RF remote control Smart Controller Blue Link port Dry-Contact



Wireless
remote control

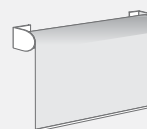


Quiet

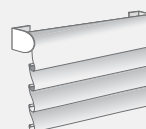
Key Features

- Easily set the open and close limits
- Precise % position and two favorite positions
- Works with all Neo Remote Controls
- Can work with your phone instantly by connecting the optional Blue Link (Bluetooth® dongle) to the motor. The **Neo Smart Blinds Blue app** is available for iOS and Android devices.
- Comes ready to work with the Smart Controller to enable local and cloud control. The **Neo Smart Blinds app** is available for iOS and Android devices.
- RS485 port is available under request

Blinds Types



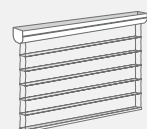
Roller



Roman



Zebra



ShangriLa



Skylight

Compatible Apps

Blue Link and Neo Smart Blinds Blue App



Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

Smart Controller and Neo Smart Blinds App



Control your blinds individually or in groups, whether at home or away. Schedule groups and create custom scenes to suit your lifestyle. Easily integrate with leading smart home platforms for enhanced convenience.

Integrations

- Amazon Alexa
- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter
- SmartThings via Matter

NEO MOTORS - 45 SERIES

TM-RA45-12/26

Motor Specifications

Model	TM-RA45-12/26
Description	45mm tubular RF AC motor
Electrical parameters	110V AC 60Hz 140W 1.4A
Power sources	-
Operational parameters	12Nm, 26 rpm
Control mode	RF remote control Smart Controller Blue Link port Dry-Contact



Wireless
remote control

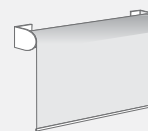


Quiet

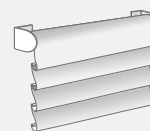
Key Features

- Easily set the open and close limits
- Precise % position and two favorite positions
- Works with all Neo Remote Controls
- Can work with your phone instantly by connecting the optional Blue Link (Bluetooth® dongle) to the motor. The **Neo Smart Blinds Blue app** is available for iOS and Android devices.
- Comes ready to work with the Smart Controller to enable local and cloud control. The **Neo Smart Blinds app** is available for iOS and Android devices.
- RS485 port is available under request

Blinds Types



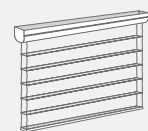
Roller



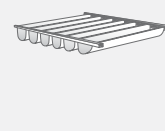
Roman



Zebra



ShangriLa



Skylight

Compatible Apps

Blue Link and Neo Smart Blinds Blue App



Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

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Integrations

- Amazon Alexa
- Google Assistant
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- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter
- SmartThings via Matter

NEO MOTORS - CURTAIN SERIES



CM-WRT40-1.2/130

Motor Specifications

Model	CM-WRT40-1.2/130
Description	40mm curtain Wi-Fi and RF transformer motor
Electrical parameters	24V DC 1.3A
Power sources	24 V DC 1.5A AC/DC Adapter
Operational parameters	1.2Nm, 130 rpm (110 lbs capacity)
Dimensions	265x40x40 mm
Control mode	RF remote control Touch control Built-in Wi-Fi Dry-Contact



Wireless remote control



Whisper quiet



Touch control



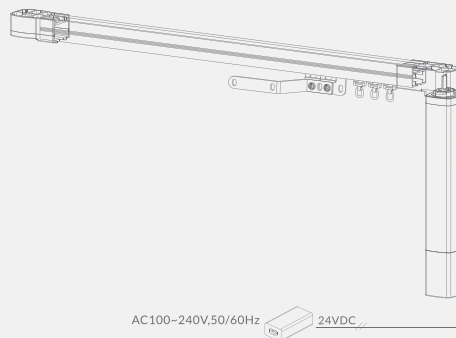
Manual operation

Key Features

- Touch control; soft-start and soft-stop
- Limits set automatically
- Precise % position and two favorite positions
- Works with all Neo Remote Controls
- Built-in Wi-Fi. The Smart Controller is not required.
- Compatible with **Neo Smart Blinds app**, available on both iOS & Android devices via App Store and Google Play.

Drapery Types

For all the motorized drapery systems



Compatible Apps

Neo Smart Blinds App



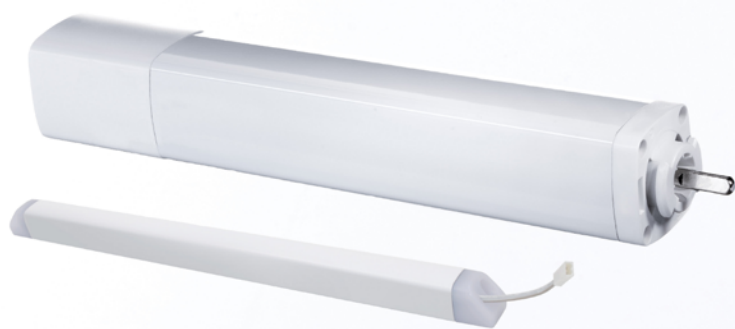
Control your blinds individually or in groups, whether at home or away. Schedule groups and create custom scenes to suit your lifestyle. Easily integrate with leading smart home platforms for enhanced convenience.

Integrations

- Amazon Alexa
- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter*
- SmartThings via Matter*

**Available for accounts with one or more Smart Controllers.*

NEO MOTORS - CURTAIN SERIES



CM-BRE40-0.8/100



Motor Specifications

Model	CM-BRE40-0.8/100
Description	40mm curtain Bluetooth and RF external battery motor
Electrical parameters	12.6V external rechargeable battery
Power sources	15.6V/1A AC/DC charger 2W/15V solar panel
Torque and speed	0.8 Nm, 100 rpm (65 lbs capacity)
Dimensions	265x40x40 mm
Control mode	RF remote control Touch control Smart Controller Dry-Contact



Wireless
remote control



Battery
driven



Whisper
quiet



Solar
powered



Touch
control



Manual
operation

Key Features

- Touch control; soft-start and soft-stop
- Built-in lithium battery lasts up to 6 months
- Limits set automatically
- Precise % position and two favorite positions
- Works with all Neo Remote Controls
- Works with your phone instantly by pairing the motor **Neo Smart Blinds Blue app**, available on both IOS & Android devices via the App Store and Google Play.
- Comes ready to work with the Smart Controller to enable local and cloud control. The **Neo Smart Blinds app** is available for iOS and Android devices.

Drapery Types

For all the motorized drapery systems



Compatible Apps

Neo Smart Blinds Blue App



Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

Smart Controller and Neo Smart Blinds App



Control your blinds individually or in groups, whether at home or away. Schedule groups and create custom scenes to suit your lifestyle. Easily integrate with leading smart home platforms for enhanced convenience.

Integrations

- Amazon Alexa
- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter
- SmartThings via Matter

NEO MOTORS - VENETIAN SERIES



VM-RTBE24-0.8/35

Motor Specifications

Type	VM-RTBE12-0.8/35
Description	24mm venetian RF motor
Electrical parameters	12.6V external rechargeable battery or 12 V DC 1.5A adapter
Power sources	15.6V/1A AC/DC charger 2W/15V solar panel
Operational parameters	0.8Nm, 35rpm
Control mode	RF remote control Smart Controller Blue Link port



Wireless
remote control

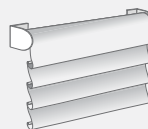


Whisper
quiet

Key Features

- Powered by a 12V DC transformer or an external battery
- Easily set the open and close limits
- Precise % position and two favorite positions
- Works with all Neo Remote Controls
- Can work with your phone instantly by connecting the optional Blue Link (Bluetooth® dongle) to the motor. The **Neo Smart Blinds Blue app** is available for iOS and Android devices.
- Comes ready to work with the Smart Controller to enable local and cloud control. The **Neo Smart Blinds app** is available for iOS and Android devices.

Blinds Types



Roman



Wood/Aluminum

Compatible Apps

Blue Link and Neo Smart Blinds Blue App



Blind control via Bluetooth®—no Wi-Fi needed. Adjust each blind with precision, set schedules, and get real-time feedback on signal, battery, and blind status. Simple pairing and over-the-air updates ensure a smooth experience.

Smart Controller and Neo Smart Blinds App



Control your blinds individually or in groups, whether at home or away. Schedule groups and create custom scenes to suit your lifestyle. Easily integrate with leading smart home platforms for enhanced convenience.

Integrations

- Amazon Alexa
- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter
- SmartThings via Matter

NEO MOTORS - VENETIAN SERIES



VM-WRT40-2/28

Motor Specifications

Type	VM-WRT40-2/28
Description	40mm venetian Wi-Fi and RF motor
Electrical parameters	24V DC 1.0A
Power sources	24 V DC 1.5A AC/DC Adapter
Operational parameters	2Nm, 28rpm
Control mode	RF remote control Smart Controller Built-in Wi-Fi



Wireless
remote control

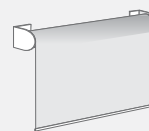


Whisper
quiet

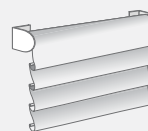
Key Features

- Easily set the open and close limits
- Precise % position and two favorite positions
- Works with all Neo Remote Controls
- Built-in Wi-Fi. The Smart Controller is not required.
- Compatible with **Neo Smart Blinds app**, available on both iOS & Android devices via App Store and Google Play.

Blinds Types



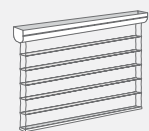
Roller



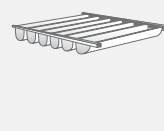
Roman



Zebra



ShangriLa



Skylight

Compatible Apps

Neo Smart Blinds App



Control your blinds individually or in groups, whether at home or away. Schedule groups and create custom scenes to suit your lifestyle. Easily integrate with leading smart home platforms for enhanced convenience.

Integrations

- Amazon Alexa
- Google Assistant
- Siri Shortcuts
- Creston Home
- Control 4
- Savant
- Indigo
- IFTTT
- Nice/ELAN
- Apple Home via Matter*
- SmartThings via Matter*

**Available for accounts with one or more Smart Controllers.*

NEO SOLAR PANELS



Neo Solar Panel

- Compatible with all Neo battery-driven products
- For indoor use only
- 2 brackets are included
- Horizontal or vertical installation
- The use of a solar panel is intended to extend the time between battery charges. We do not guarantee that eventual charges using an external charger will not be necessary.

Models

SP-2/11	Solar Panel 2W/11V 180mA with 13" wire
SP-2/15	Solar Panel 2W/15V 133mA with 13" wire

NEO REMOTE CONTROLS



RC-202-W
2 Channels



RC-206-W
6 Channels

Remote control specifications

- Transmission power: 10dBm
- ASK 433.92MHz wireless transmission
- Battery CR2032x1PC
- Outdoor transmission distance: 200m
- Indoor transmission distance: 35m
- Working temperature: -20°C ~ +55°C

Models

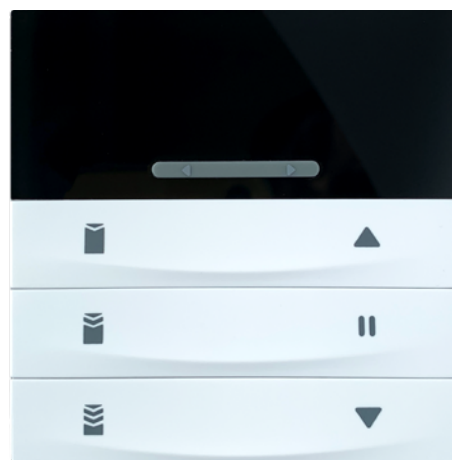
RC-201-W	white	1 channel
RC-201-B	black	
RC-202-W	white	2 channels
RC-202-B	black	
RC-206-W	white	6 channels
RC-206-B	black	
RC-215-W	white	15 channels
RC-215-B	black	
RC-230-W	white	30 channels
RC-230-B	black	
WS-202-W	white	2 channels
WS-208-W	white	8 channels



RC-215-W, RC-230-W
15 Channels, 30 Channels



WS-202-W
2 Channels



WS-208-W
8 Channels

SMART CONTROLLER

With the Smart Controller and Neo Smart Blinds App, you can now control your motorized blinds using your smartphone, tablet, or computer, from anywhere.



**The leading multi-protocol RF hub for
motorized window coverings, tailored
for manufacturers and installers**

- Supports 20+ motorized blind brands
- In-app guided setup specific to each motor brand
- Automated schedules for light control and privacy
- OTA firmware updates

RADIO FREQUENCY
433.42 - 434.15 MHz

COVERAGE UP TO
3,500 sqft¹

NUMBER OF ROOMS
Unlimited²

NUMBER OF BLINDS
Unlimited²

Our Smart Controller adapts to your business, whether you work with multiple motor brands, plan to switch, or offer new integration options to your clients.

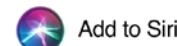
COMPATIBLE MOTOR BRANDS

Allen+Roth, Alpha, Alta Bliss, A-OK, Arabel, Bofu/Simplicity (roller, vertical, top-down/bottom-up), Dooya, Dooya Bi-directional, Eclipse, Gaposa, Jiechang, Louvolite, Maxxmar, MotionBlinds, Neo Smart Blinds, Nice, Raex, Rollease Arc, Rollease Basic, Rollerhouse, Ronco, Somfy, Sunfree Radio+, Turnils AMP, Wistar.



INTEGRATIONS

Amazon Alexa, Google Home, Siri Shortcuts, IFTTT, Control4, Crestron Home, Nice/ELAN Home Management Integration, Savant, Indigo Domotics, HomeSeer, and Apple Home and Samsung SmartThings via Matter.



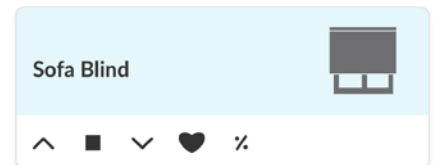
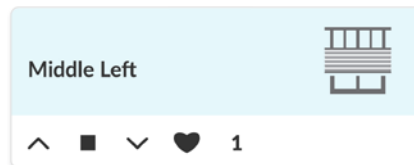
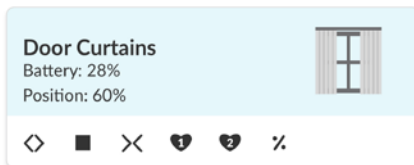
¹Coverage may vary based on house construction materials, layout, number of floors, and Smart Controller location. Central placement and higher elevation within the house help maximize signal distribution.

²Up to 65,535 rooms and up to 15 blinds per room/group, except for Alpha and Wistar, which support up to 8 blinds per room.

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Designed to work with the unique features of each blind type and motor



Neo Smart Blinds motors

In addition to the standard two favorite positions and percentage-based control, Neo Smart Blinds motors with Bluetooth offer feedback capabilities. This allows the Smart Controller and app to display real-time updates on both the current battery level and blind position.

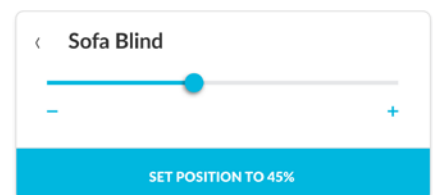
Top-Down Bottom-Up blinds

TDBU blinds allow you to adjust both the middle and bottom rails independently for versatile light control. Just like the remote control, choose the rail you want to move and send the desired command.



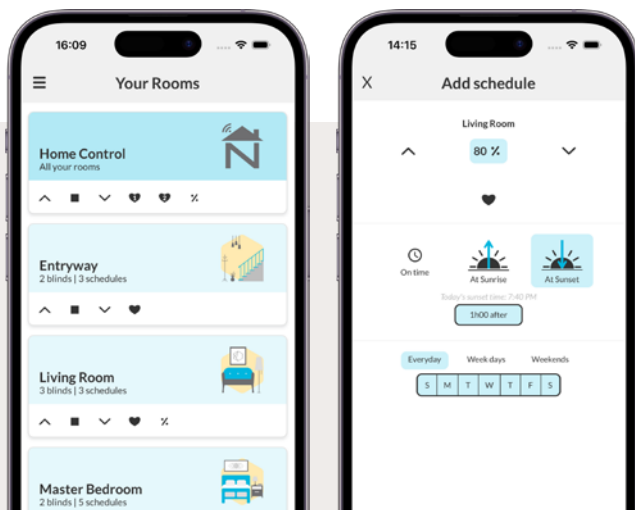
Got new motorized blinds?

Contact technical support at tech@neosmartblinds.com and send the blind instructions along with front and back pictures of the remote control for an integration evaluation.



Percentage Control

Some motor brands, such as **Neo Smart Blinds**, **Dooya Bi-Directional**, **Rollease Arc**, **Rollease Basic**, **AMP**, **Jiecang**, and **Motion-Blinds**, support percentage-based position commands. The "%" button appears when paired with these brands. Tap the button to flip the blind card, allowing you to easily set the desired position by percentage.



Group or individual blind control.
Group schedules based on paired blind features.

Neo Smart Blinds app



The app is available on Google Play and on the App Store.

To control your blinds via a computer, visit the page neosmartblinds.com using a Google Chrome browser.

System requirements

- 2.4GHz Wi-Fi (802.11b/g/n), not 5GHz
- WPA2-Personal or WPA3-Personal
- Strong Wi-Fi signal at the Smart Controller's location
- Android 9.0+ or iOS 13+ device





BLUE LINK

Automation and precise control over Bluetooth®

Entry-level blind automation

with real-time feedback.

No hub or Wi-Fi required.



Guided Pairing Instructions

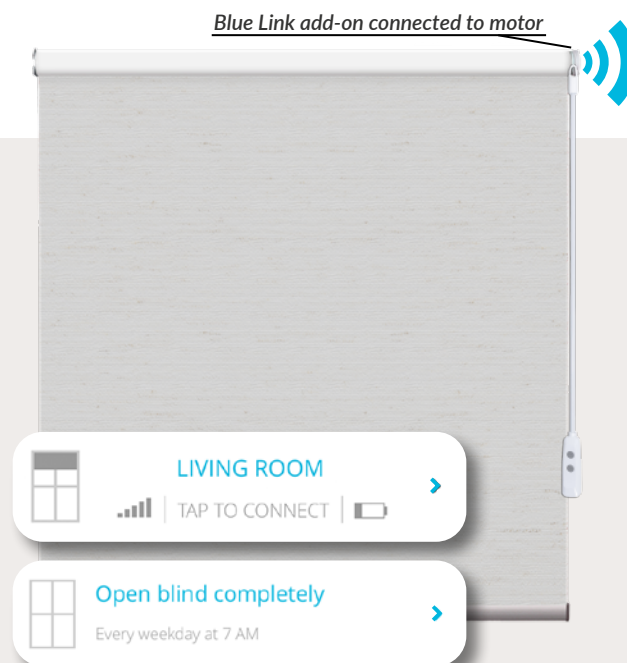


**Percentage Position
Battery Level**



Automate with Schedules

Automatic Daylight Saving Time Adjustment



Blue Link add-on connected to motor

About the Blue Link

Blue Link provides **real-time feedback and precise position control via Bluetooth**, whether built into the motor or connected as an add-on to a compatible Neo Smart Blinds model. Using the app, you can **locally control and schedule each blind without the need for a router or Wi-Fi**.

Features

- Direct local control via smartphone over Bluetooth
- Signal strength indicator
- Battery level indicator
- Real-time blind position feedback
- Individual blind control
- Swipe to set blind position from 0% to 100%
- Limit settings and reverse direction supported via app
- Create schedules to automate daily operation
- Over-the-air firmware updates

Motor Requirements

The Blue Link is a Bluetooth solution designed exclusively for **Neo Smart Blinds motors**, available as a **built-in option** or as an **add-on for motors with the 5-pin port**.

Motor Models

- Blue Link built-in: TM-BRB, CM-BRE
- Blue Link add-on compatible: TM-RB, TM-WB, TM-RT, TM-RA
- Not Compatible: TM-WRT, CM-WRT



Blue Link add-on

L-B200

5-pin port

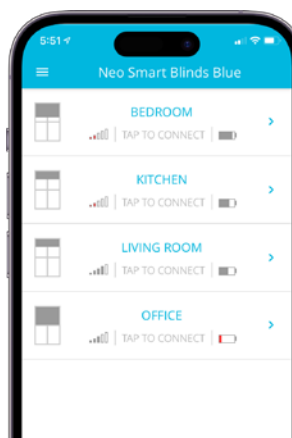


Neo Smart Blinds Blue

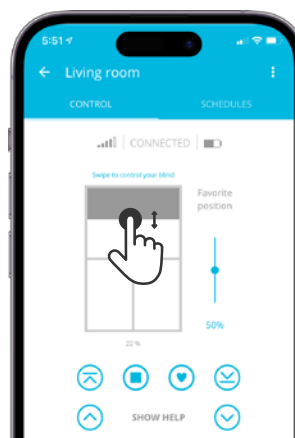
Available on Google Play and the App Store.



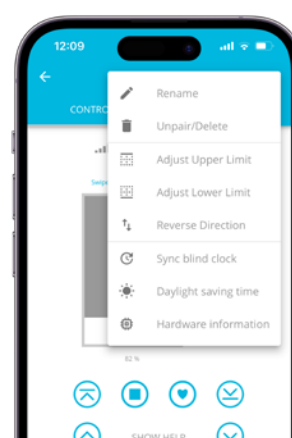
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**Current Blind Position
and Battery Level**



**Swipe to set the blind to
any desired position**



**Advanced settings and
firmware updates**



Neo Smart Blinds

neosmartblinds.com

Inquiries: info@neosmartblinds.com

Technical support: tech@neosmartblinds.com