



# HELIOS SYSTEM



**REVOLUTIONIZING  
SOLAR**



**(866) 230-4700**

**NorthSolarScreen.com**



# HELIOS SYSTEM



**EXTERNAL MOUNT**

**new**

## HELIOS SYSTEM

With the power and flexibility of the **NEW** Helios system, and as a national industry leader, Sun Control Retractable Shades paves the way in solar powered shade technology.

### REVOLUTIONIZING SOLAR

#### 1 CHANNEL REMOTE

The 1 channel remote offers simple, convenient control of 1 motorized exterior shade system.

#### 5 CHANNEL REMOTE

With Timer Function

The 5 channel remote and timer offer simple, convenient control of a group of motorized exterior shade systems. The timer allows for automatic control of your exterior shades based on your individual needs.

#### MOTOR

Battery Powered, Solar Charged  
The Helios 20 Nm motor effortlessly powers exterior shade systems up to 20' x 10' and FRT shade systems up to 17' x 10'.

#### EXTERNAL MOUNTING

Available for 4" and 5.5" Brackets  
The external mounting bracket provides flexible mounting options for an exposed bracket system, conveniently providing the use of solar power in low light areas.

#### BOX MOUNT BRACKET

Available for the 4.5" and 5.5" Box  
The box mount bracket easily mounts directly onto the box hood making installation a breeze!

#### SOLAR STATION

The Solar Station features the capability of charging the battery with direct sunlight or through the micro USB charging port.

#### IMPORTANT

The solar station requires a minimum of 5 hrs of direct sunlight per day. If the panel receives less, USB charging with a standard micro USB may be required.

Shade System **COLOR CHOICES** compliment any home



**BOX MOUNT**

### HELIOS FEATURES

#### REMOTES

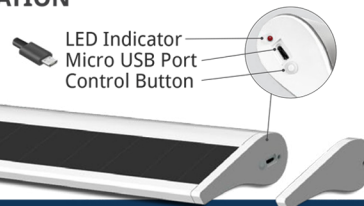
1Ch & 5 Ch/Timer



**BRACKET**  
External Mount

**BRACKET**  
Box Mount

#### SOLAR STATION



	Baby Grande	Grande	Citadel
Max Width	14'	20'	17'
Max Height	10'	10'	10'
Bracket	4"	5.5"	N/A
Box	4.5"	5.5"	4.5"   5.5"

**HELIOS**  
3 YR WARRANTY



# HELIOS SYSTEM



**1 CHANNEL**  
Remote

- Battery: 3V, CR2450
- Radio Frequency: 433.92 MHz
- Working Temperature: -50°F ~ + 122°F
- Dimension: 5.125" x 1.75" x .50"



**5 CHANNEL**  
Remote with Timer

- Regular Timer Mode
- Random / Vacation Timer Mode
- Manual Timer Mode
- Battery: 3V, CR2450
- Radio Frequency: 433.92 MHz
- Working Temperature: -50°F ~ + 122°F
- Dimension: 5.125" x 1.75" x .50"

## SOLAR STATION



- IP55 Rating
- Receiver and Battery Built In
- Lithium Battery: 5.1 Ah, 12V
- Solar Panel: 5W, 18V
- Rated Voltage: 12V DC
- Radio Frequency: 433.92 MHz
- Working Temperature: -68°F ~ + 131°F
- Dimension: 24" x 4" x 1.25"
- Expected Battery Life: 5 years

## MOTOR



Motor		<b>12 V, DC</b>
20 Nm		Rated Torque (Nm)
10 RPM		Rated Speed (RPM)
3.8 A		Rated Current (A)
45 W		Rated Power (W)
IP44		Degree of Protection (IP)
22		Maximum Limit Turn (turn)
>6		Running Time (min)

Minimum Shade Width: 2ft (24")  
40" cable between motor and solar station

**HELIOS**  
3 YR WARRANTY