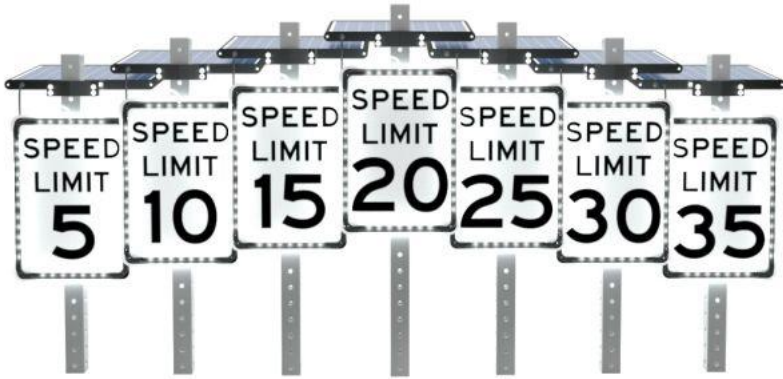


## HELIOS SERIES 18" x 24" SOLAR POWERED FLASHING MPH SPEED LIMIT SIGN



- Our bright LED flashing Speed Limit sign is part of our new Helios series
- This sign's bright flashing LED lights and reflective 3M material can be seen from over 2500ft and makes for a great addition for safety pertaining to speed limits
- Made with an aluminum alloy board and solar board, the LED border is installed right onto a standard MUTCD sign

## PRODUCT APPLICATIONS

This Solar LED Traffic Safety Sign can be used on streets, in parking lots and more. Since these are solar powered, they can be used anywhere there is sun light. This product is very simple to install and use.

### INCLUDES:

- SIGN
- SOLAR PANEL
- INTERNAL BATTERY BACKUP

DOES NOT INCLUDE POLE

## PRODUCT SPECIFICATIONS

**TYPE:** Helios Series 18"x24" Solar Powered Flashing MPH Speed Limit Sign

**PRODUCT CODE:** HELIOS-RECXX-1824-DMG-WLED-SL

**SHAPE:** Rectangle

**DIMENSIONS:** 18" x 24" Rectangle

**LED COLOR:** White

**MUTCD CODE:** R2-1

**MPH OPTIONS:**

- 5MPH
- 10MPH
- 15MPH
- 20MPH
- 25MPH
- 30MPH
- 35MPH

**SIGN MATERIAL:** Diamond Grade Reflective Sheeting

**FLASH PATTERN:** MUTCD Single Flash

**WORKING MODE:** 24/7 or Bluetooth controlled via 'TT Solar' Android

App (Timer and Dimming Function)

**BATTERY LIFE SPAN:** 3-5 Years

**SOLAR PANEL:** 15W/18V

**CONTROL BOX SIZE:** 15" x 13.75" x 1.75"



## FREQUENTLY ASKED QUESTIONS

### General/Application:

1. *How are the wires hidden on the back of the signs?*
  - a. For the **Legacy** signs, the connector cord comes out from the top/ side of the sign unit. For our new **Helios** sign series, the cord has a cover that can either be drilled through the sign or tucked behind the traffic sign.
2. *Is there an option which allows us to purchase just the electronics/lights and we can install them on our current sign?*
  - a. Yes! Our Helios traffic sign series is also sold as a kit—this comes with an LED sign frame and junction box—all you need is your MUTCD/ traffic sign to mount on. solar powered and increases visibility up to 1000ft!
3. *What is the lead time for the Helios sign series?*
  - a. We operate on a first come first serve basis—the Helios signs are standardly in-stock, with large orders or custom sign asks subject to lead times.
4. *Can we order custom wording?*
  - a. We offer custom signs on both our Legacy signs and Helios series.
5. *Would any pole work with your signs?*
  - a. Yes, we offer hardware that fits up to a 4” round pole for our old flashing signs. Our new slim line series does not come with hardware but BOTH signs are easy to install and compatible with any standard traffic post (Telspar,u-channel, round straight, etc.).
6. *What is the operational expectancy for each sign series?*
  - a. Both our sign series solar versions are expected to operate fully for 3 – 5 years (depending on environment and usage). The lithium-ion batteries then can be replaced to give the sign an additional 3 –5 years working expectancy.
7. *Can the retrofit kits and Helios signs be AC powered?*
  - a. Yes! Both of our traffic lines—Legacy and Helios--can be AC or Solar with Solar power being our most popular and standard stock option.
8. *What does the Retrofit Kit come with?*
  - a. Our Helios traffic sign retrofit kits can be mounted to any standard MUTCD sign and include: 1 LED sign border frame, 1 integrated battery/ solar panel junction box, mounting bracket and hardware for the junction box and 8 screws to secure the sign and frame together.

## Operation:

1. *Can the Helios signs be turned on and off with an app or laptop?*
  - a. Yes, we offer an app for Android users that can operate the sign's junction box via Bluetooth app with on/off functions, timer options and dimming options. It must be a device that supports APK files, and the user must be within 55ft to manage changes.
  
2. *Does the solar Helios sign and solar retrofit kit unit have an App for iPhone/iOS?*
  - a. No, we are in development for an iOS/ iPhone app. Only Android/ APK file compatible devices for now. The standard solar box that accompanies these products will operate 24/7 factory standard—any adjustments can only be made with the Android (APK) app.
  
3. *Does the solar Helios sign and retrofit kit shut off in the daytime?*
  - a. Standard operation for the solar junction box will be 24 hours unless adjusted to customer needs within the Android phone/ tablet app.
  
4. *Can we program at specific times or just come on after dark?*
  - a. The functionality and operation times can be adjusted with the programmable timer via Android app.
  
5. *What flash pattern does the Helios sign and retrofit kit use?*
  - a. Our new Helios series uses a single-pulse flash pattern within the MUTCD frequency requirements of 50 to 60 flashes per minute to avoid epileptic issues and other optical issues