

# THIN-STOP THIN LED STOP SIGN

When approaching the stop line, the bright LED STOP sign immediately draws drivers' attention to the sign by emphasizing the octagonal contour (a universally recognized shape) using integrated 24/7 flashing LEDs. With its solar panel and batteries, the LED STOP sign is autonomous for a period of at least three (3) days without sunlight, even in winter. The LED STOP is designed to retrofit and be installed on all types of poles.



REINFORCE THE SIGN  
IN CRITICAL ZONES



TWO (2) POWER  
SOURCES AVAILABLE



INCREASES ROAD  
USERS SAFETY



# THIN LED TRAFFIC SIGN





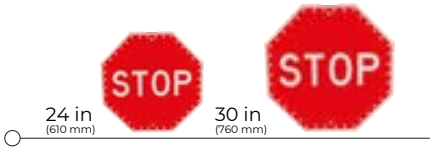
## FEATURES OF THE LED STOP SIGN



**40 Powerful Red LEDs**  
Integrated into the sign to clearly identify the octagonal regulatory shape in any condition.

**Reflective Sheeting**  
Diamond grade, Type XI reflective sheeting.

**Two Models**  
According to MUTCD standards and requirements.

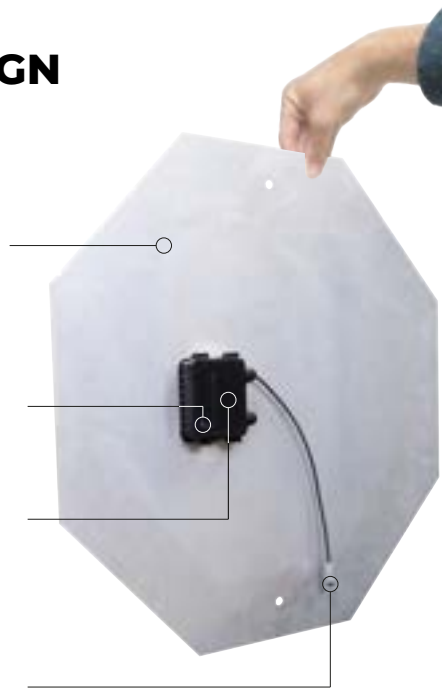


**Aluminium**  
Light and resistant.  
Installs like a standard traffic sign.

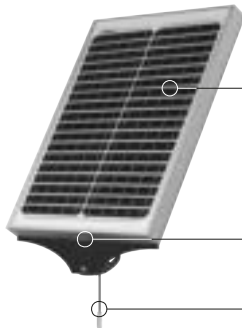
**Photocell**  
Adjusts brightness automatically

**Controller**  
To program LED's flashing patterns

**Snap-in Connector**  
Small enough to be hidden inside pole.  
IP 67 protection.



## FEATURES OF THE SOLAR POWER UNIT (ALL-IN-ONE & PLUG-AND-PLAY)



**Monocrystalline Cells**  
Higher efficiency solar panel to optimise size.

**LED Status indicator**

**Snap-in Connector**

**Lithium LifePo4 battery**  
Light and slim.  
10 years life expectancies.  
Maintenance free

**MPPT Charger**  
Increases charging efficiency by minimum 20% compared to PWM.

**Universal mounting bracket**  
Top or side of pole installation.  
360 degree swivel.



REINFORCE THE SIGN  
IN CRITICAL ZONES



NIGHT ONLY  
(OPTION)



RADAR ACTIVATION  
(OPTION)



# TECHNICAL SPECIFICATIONS OF THE LED STOP SIGN

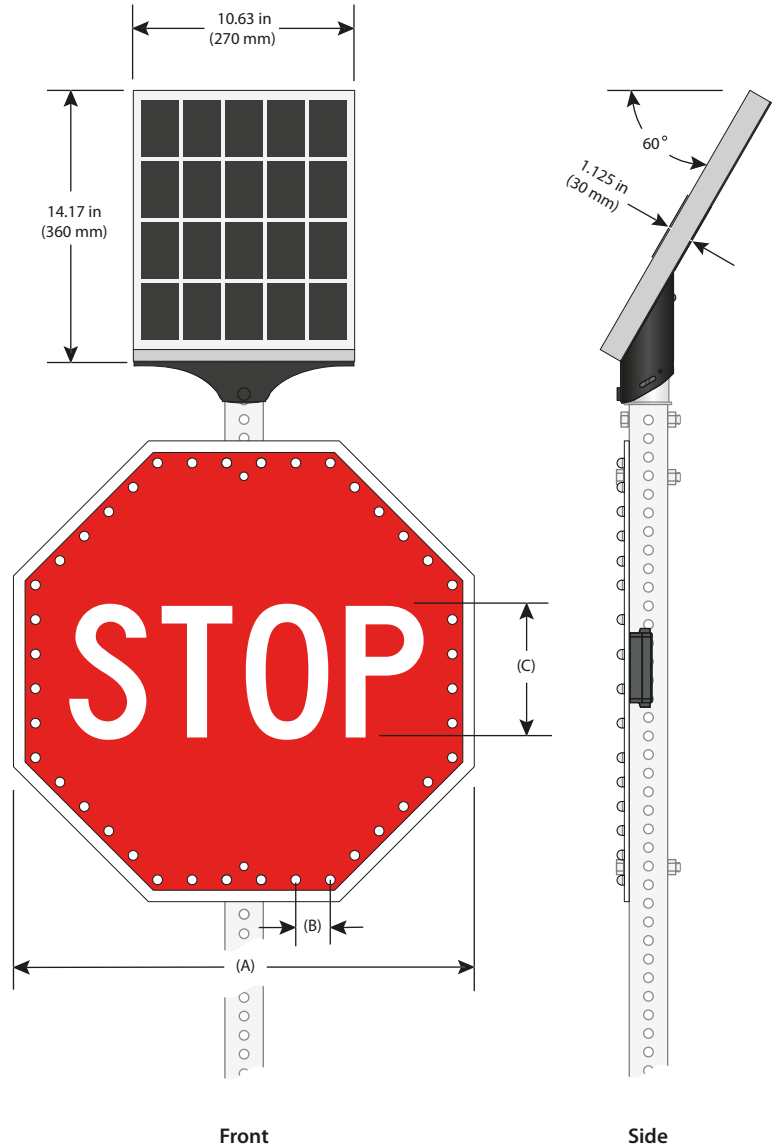
## Solar Power Unit (All-in-one)

Monocrystalline Solar Panel	10 watts
LifePo4 Battery	12.8V - 9Ah
Solar charger	MPPT, 10 A, IP67
Connector	10mm OD, Male, 6 in, IP67
Operating temperature	-40 to + 165°F (-40 to +74°C)
Weight	4.5 kg (10 lb)

## Led Stop Sign

Standard	MUTCD & TAC
Color	Red 626 nm (4000K)
Led angularity	30 degrees
Life expectancy	100 000 hours
Luminous Intensity	100 cd day - 30 cd night
Auto-dimming	Variable based on ambient light
Voltage In	10,8 to 15 VDC
Max. Power @ 12 V	8 Watts
Connector	10mm OD, Male, 6 in, IP67
Flash Patterns	0,1 - 0,2 - 0,5 sec or tri-flash
Flash Rate	60 per minute
Activation	24/7, night only, on-demand
Default setting	0,1 sec, 24/7
Back Plate	Aluminium 5052-H38
Reflective sheeting	3M™ Diamond grade Type XI
Lens	UV resistant transparent Polycarbonate
Waterproof rating	IP65
Operating Temperature	-40 to +131°F (-40 à +50°C)

(A)	(B)	(C)	Thickness	Weight
24" (610 mm)	1.8" (45 mm)	8" (203 mm)	0.80" (2 mm)	2 kg (4 lb)
30" (760 mm)	2.3" (57 mm)	10" (254 mm)	.125" (3 mm)	5 kg (10 lb)



Product Number	Description	Box : Dimension - Weight	HSS Code
<b>Assembly Kit</b>			
#37531	24 in (610 mm) Thin Led Stop Sign, 10W solar power unit	32 x 32 x 8 in - 21 lb	8530.90
#37532	30 in (760 mm) Thin Led Stop Sign, 10W solar power unit	32 x 32 x 8 in - 26 lb	8530.90
<b>Activation Options</b>			
#38129	Software for configuration or night only activation (USB Dongle + Software)	Included in kit box	N/A
#36900	Radar Vehicle Detector Activation (software kit required)	Kit box (+ 2 lb)	N/A

**Included with Assembly Kit :** Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole. 30 in (760 mm) cable. Smart USB Dongle required to change configuration of the RRFB. Two (2) years Limited Warranty against defects in workmanship and materials.