

LED based “SOLAR BLINKER” is highly reliable and designed for 24X7 operation to alert the road users at the intersections / U- turns. These blinkers are used at accident vulnerable locations, diverging points, unsigned intersection, turns, blind spots, school zones etc. to warn the motorists to slow down and to avoid accidents.

FEATURES

- ◆ Low power consumption (less than 5 Watt, 1/10th of an incandescent light bulb)
- ◆ “INTENSITY LIGHT CONTROL” based on the ambient sun light
- ◆ Constant light output, even with variations in supply
- ◆ Low output degradation
- ◆ Even distribution of light
- ◆ High bright, focused and low power consumption LED's of reputed makes like Avago, Nichia, Everlight
- ◆ Automatic dusk / dawn switching
- ◆ Water proof fitting
- ◆ Backup up to three continuous cloudy days

ADVANTAGES

- ◆ No cabling and road trenching
- ◆ Long visibility
- ◆ Un-interrupted operation
- ◆ Easy to install
- ◆ Eco-friendly
- ◆ No electricity bills



Solar Blinkers with Cantilever Pole



SOLAR TRAFFIC BLINKERS



SPECIFICATIONS

Working hours	: 12 / 24 hours
Working voltage	: 12 V DC
Power consumption	: <5 Watt per lamp
Solar panel	: 12V DC - IEC CE certified
Battery	: Inbuilt maintenance free
Lamp intensity (Center lux)	: > 260 cd*
Autonomy	: 3 days
Aspect diameter	: 300 mm*
Protection	: IP54*
Cooling	: Natural Air Cooled
Ambient temperature	: -10°C to +60°C
Visibility	: > 500 meters
Accessories	: Solar panel stand, Lamp fixing clamps
Colors	: Amber / Red
LED wavelength	: Amber 590±5 nm* Red 625±5 nm*
LED viewing angle	: 23° *
Dusk to dawn operation	: Yes
Prescribed pole height	: 4 meters

* As per EN -12368, IRC, NHA1 Standard

APPLICATION

- ◆ Highway intersections.
- ◆ At accident prone zones.
- ◆ At railway crossing.
- ◆ At access controlled location / check posts.
- ◆ Industrial, school, hospital, market, office zones etc.
- ◆ Road divider, under-construction sites and police barrier.
- ◆ At low traffic road crossings as caution signals.

SOLAR PANEL & BATTERY SELECTION

SINGLE LAMP				
ITEM	DAY-NIGHT (ON-OFF)		NIGHT (ON-OFF)	
	1Sec. - 1Sec.	0.5Sec. - 1Sec.	1Sec. - 1Sec.	0.5Sec. - 1Sec.
SOLAR PANEL	40W	18W	10W	10W
BATTERY	12VDC/12AH	12VDC/12AH	12VDC/7AH	12VDC/7AH

DOUBLE LAMP				
ITEM	DAY-NIGHT (ON-OFF)		NIGHT (ON-OFF)	
	1Sec. - 1Sec.	0.5Sec. - 1Sec.	1Sec. - 1Sec.	0.5Sec. - 1Sec.
SOLAR PANEL	50W	10W	18W	18W
BATTERY	12VDC/26AH	12VDC/26AH	12VDC/12AH	12VDC/7AH

RELATED PRODUCTS

Solar based Wireless Traffic Signal System

All parameters are subjected to change from time to time



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