

PARAMETERS	SPECIFIED	BEFORE TESTING	Pass/ Fail
Low voltage disconnect	10.6v	10.6v	Pass
Low voltage reconnect	12.5v	12.5v	Pass
Visibility from distance	1 mtr to 500 mtr	1 mtr to 500 mtr	Pass
Max Panel wattage	100w	100w	Pass
Panel current	4.8A	4.8A	Pass
Boost voltage	14.6v	14.6v	Pass
Float voltage	13.5v	13.5v	Pass
Charger on voltage	8v	8v	Pass
Total current consume	Less than 0.15A	0.12A	Pass
Led no	180 led 5mm	180 led 5mm	Pass
Led green	Charger on	Charger on	Pass
Led red	Load on	Load on	Pass

Metal box with black powder coated.
 Acrylic glass sheet min thickness 3mm transparent.
 Led area 300 mm diameter.
 Led color available in red, green, yellow, amber, blue, & white.
 Dusk to down and 24hr mode both available.
 Battery and solar panel and pole included.

For more details.
 Please contact
 Kcon system
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Kcon System

Factory: E-206, Electronics G.I.D.C., Sector 26, Gandhinagar.

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Solar LED Blinker



- High brightness LED operated solar traffic blinker
- No of LEDs: 180 LEDs, 12 inch diameter
- LED color: RED/AMBER
- LED driver type: Micro-processor controlled dual PWM DC-DC buck driver
- Efficiency:
 - Minimum efficiency during full cycle: 90.62%
 - Maximum efficiency during full cycle: 94.80%
- Charge controller:
 - Optimized three stage battery charge monitoring algorithm
 - Battery low, load disconnect voltage: 10.70V
 - Battery full, charging cut-off : 13.80V
- Battery Anatomy: more than 48 hours(four night)
- Protections:
 - Short circuit protection
 - Battery over charge protection
 - Battery Deep discharge protection
 - Solar panel reverse voltage polarity protection
 - Battery reverse voltage polarity protection
 - Software watch-dog for LED over current protection
- Dusk to Dawn functionality

Type	No of LEDs	Solar panel	Battery	Pole height
12 hour	180	12wp	12v, 7ah	12 feet
24 hour	180	15 wp	12v, 12ah	12 feet