



**AMRUT ENERGY PVT LTD**

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### Solar LED Blinker



- High brightness LED operated solar traffic blinker
- No of LEDs: 180 LEDs, 12 inch diameter (300 mm)
- 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
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  - Software watch-dog for LED over current protection
- Auto Dusk to Dawn functionality



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Type	No of LEDs	Solar panel	Battery	Pole height	Price
12 hour	180	15wp	12v, 7ah	12 feet	6800
24 hour	180	30wp	12v, 14ah	12 feet	8400

**Note: Pole Excluding**

**COMMERCIAL TERMS AND CONDITIONS**

**Transportation including at Your Nearest VRL Logistic Branch**

**Sales Tax : VAT 5% OR CST at actual**

**Delivery : Within 1 week from the date of receipt of confirmed order with advance.**

**Warranty : 24 months from the date of dispatch.**