

ECE (INDIA) Energies Private Limited

Solar Powered LED Traffic Signal Blinkers Light Ball Type

OPERATION:-

Solar Blinker operates on Solar energy and works for safety of vehicles at road crossing ,pedestrian crossing ,sharp Curves at diversion during road construction etc...

BENEFITS:-

- No Trenching or Underground Wiring Involved
- Maintenance Free Operation
- Proven High Efficiency and Reliability
- Low Installation Cost
- No Damage to the Surrounding Environment
- Vandal and Theft Resistant Hardware & Components
- Pay No Utility Bills.

APPLICATIONS:-

School Zones, Hospitals, Pedestrian Crossings, Sharp Curves, Emergency Vehicle Zones, Dangerous Intersections, Diversions during road construction.



Product Code	ECE - SBLMS - 01
LED Light -	300 mm Dia Display with Ultra Bright LED 5 mm with 100000 Hrs life , No chain missing, One LED off at a time Glass Epoxy ,Fr4 Printed Circuit, Conformal Coating Board With protective cover and plain polycarbonate lens
Charge Controller:-	Microcontroller Based fully digital Charge controller up to 6 A, Built in Regulated Power supply with surge suppressor & over current / over voltage Protection. Over voltage/ Deep Discharge Protection for Battery. Same Ckt can work for 12 hrs or for 24 hrs just with one switch.
Battery :-	18 AH 12 V Sealed Maintenance Free Battery (Make : Amaron , Excide , Power zone , Microtek , Rocket equivalent)
Solar Panel :-	37 WP 12 V IEC approved
Light Enclosure :-	300 mm dia MS housing, Powder Coated, Water Proof, Dust Proof. IP 65 Grade
Pole :-	MS Pole with 50 mm Dia, 5 Mtr Height with Powder Coated Colour with Adjustable Solar frame.
Operating Temp	0°C to 55°C
Humidity	95 % at 40°C (Non Condensing)
Lamp Head	LED MS Aspects RED / Amber Colour.

Note: - Material Can be Modified as Per Customer Specifications.