PRODUCT SPECIFICATION

Solar Traffic Warning Light Series

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Product Description: The Solar Traffic Warning Light is a high-visibility, eco-friendly road safety warning signal powered by integrated solar panels and a rechargeable Li-ion battery. Equipped with 12 high-brightness LED bulbs, it delivers reliable automated flashing signals to ensure high visibility and road safety in construction zones, hazard areas, and traffic control points.

1. GENERAL & TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION DETAILS
Product Name	**Solar Traffic Warning Lights**
Power Source / Type	**Solar Panel** (Self-charging solar energy collection)
Light Source	12 High-Brightness LED Bulbs
Operating Function	Flashes (Automated Warning Beacon)
Flash Frequency	Approximately 60 times/min (±5 times/min)
Battery Type	3.7V Li-ion Rechargeable Battery
Product Dimensions (Size)	12.5 cm × 10.5 cm × 10 cm
Primary Application	Road Safety, Highway Maintenance, Traffic Control, & Hazard Warning

2. PACKAGING & DELIVERY SPECIFICATIONS

PACKAGING PARAMETER	DETAILS
Selling Units	Single Item
Single Package Dimensions	15 cm × 15 cm × 15 cm
Single Gross Weight	1.0 kg
Master Carton Packing	30 Pcs / Carton

3. KEY FEATURES & APPLICATION HIGHLIGHTS

Core Features:

- High-efficiency solar charging panel for zero-cost operation.
- High-capacity 3.7V Li-ion rechargeable battery for extended continuous flash backup.
- 12 ultra-bright LEDs for long-distance visibility during night or severe weather conditions.
- Automated high-frequency flashing alert (60 flashes/min) for optimal awareness.

Target Applications:

- Highway and roadway construction site boundaries.
- Traffic cones, barricades, and safety bollards.
- Emergency hazard zones and road breakdown alerts.
- Industrial plant safety and construction vehicle signaling.

This document contains official technical specifications based on standard manufacturing data. Dimensions and weight values are approximate. © 2026 All Rights Reserved.