

SMC Solar-2 LED Lighting Tower



Leading British innovation - The SMC **Solar-2 LED** lighting tower meets the industries demands for a sustainable, environmentally friendly and low maintenance lighting tower. The **Solar-2** is Britain's first solar lighting tower.

Reliable, robust and offering instant light from four LED lamps, the SMC Solar-2 does not compromise on power or quality. With both battery and mains supply provision, it offers flexible options for all applications on site. In applications where noise needs to be minimised or zero - SMC Solar-2 provides the ultimate silent solution.

Zero fuel
Zero noise
Zero emissions



Features:

- **100% fuel saving**
- **No emissions** saving CO₂ 4.1 kg.hr -2,870kg per year
- **No noise**
- **Low maintenance** saving £1,800p/yr*
- Automatic operation via auto-timer and Eco Sensor
- Automatic switching level for LED's to optimise battery power
- Manual switching of 1, 2, 3 & 4 groups of LED's
- **Indefinite running time** without supplemental charging (in peak conditions)
- Charge time 11.2 hours (from mains)
- High quality, instant light from 4x LED lamps
- **50,000 hours life from LED's**
- External plug-in connection for ease of charging
- Compact design, ease of transport, similar overall dimensions & weight to TL-90
- Can be used in buildings, tunnels, etc operating from the battery or mains supply
- **10 year machine life**
- **Reduced running costs** with environmental and commercial benefits for end users
- Galvanised canopy
- Also available as battery unit without solar panels

Safety Features:

- Emergency stop button fitted as standard for safety
- Mast deployment alarm & safety system

**Fuel saving
up to £5,000
per year****

* Compared to standard tower lights

** As of September 2014 (European)

Applications



Specifications are subject to change without prior notice

MORRIS
SITE MACHINERY

SPECIFICATION	
SOLAR PANEL	4 x 120w
BATTERY	6 x 150Ah Deep Cycle
ON BOARD BATTERY CHARGER	40A / 230VAC, 12VDC
RECHARGE TIME	11.2 Hrs
RUN TIME FROM BATTERY	54 Hrs
RUN TIME INCLUDING SOLAR POWER	Indefinite**
MAST MAXIMUM HEIGHT	8740mm
MAST RAISE/LOWER TIME	12/18s
MAST ROTATION/ACTUATION	360° Hydraulic - 24vdc Power Pack
HYDRAULIC SYSTEM (MAST DEPLOYMENT)	Bio-degradable oil
MAST SAFETY SYSTEM	Deployment Alarm & Safety System
COMPLETE SYSTEM SHUTDOWN	Complete System Shutdown & Battery isolator
TIMER & PHOTO CELL CONTROL	Standard
STABILISERS	4 'wind down' legs
LAMP SPECIFICATION	4 x 55W 24VDC
LAMP TYPE	192 x 1.14 High Power LED
ROAD LIGHTS AND REFLECTORS	Standard
DIMENSIONS FOR TRANSPORT (LxWxH)	2585mm x 1450mm x 2135mm
DIMENSIONS FULLY DEPLOYED (LxWxH)	2845mm x 4135mm x 8740mm
WEIGHT	1160kg

** Peak conditions

