



SOLAR-POWERED STREET LIGHTING

SolarTech (UK) Ltd

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Model STA 110/36-D

Benefits

SolarTech Street Lights use a solar module-battery system to generate and store electricity during daylight hours. This energy is then released by a timer at night to run light bulbs of various sizes.

SolarTech Street Lights excel in low life-cycle costs. The installed price for stand-alone solar street lights may be lower than with conventional street lights. This is due to zero expenses for now redundant power cables, trenches, transformers, meters and on-site production of electricity.

Solar-powered street lights have meanwhile proven to be the most reliable light source in the event of power cuts or emergency situations.

Features

Each unit optimized to load and weather data on site

Battery and controls in steel enclosure with cylinder lock, attached to lighting pole base

Lower life cycle cost than grid-connected lights

Galvanized steel column to EN40

Available as kit with/without column

Vandal-protected

EMC compliant

Temperature compensation

Luminaire

Compact fluorescent tube 36 Watt
 2900 Lumen

Eav = 10.7 Lux at spacing of 18 metres

GRP housing sealed to IP65
 Vandal resistant lens

Lamp inverter: efficiency > 90%

Dimmable brightness

Deep-cycle battery

Carbon fibre monobloc
 200 Ah at C20 rate
 Min. winter autonomy:
 9 days

Solar Module

Peak output 110 Watt polycrystalline

Max. Current 6.3 A

Lighting Controller

Dusk to dawn or adjustable lighting time

Optional

Lightning protection

Extra protection on module front and rear

Remote control