

GFS-400

SOLAR STREET LIGHT



STREET LIGHTING
CAR PARKS
PATHWAYS
INDUSTRIAL SITES
RECREATIONAL AREAS
MARINE INFRASTRUCTURE
CARAVAN & HOLIDAY PARK

Designed in Australia to meet some of the most demanding conditions on the planet.

The GFS-400 offers an environmentally friendly, off-grid solution to upgrade existing street light poles to solar where grid connection is costly or impractical.





OFF-GRID



STREETS



ROADWAY

AVAILABLE AS AN EXISTING POLE UPGRADE KIT OR COMPLETE WITH BASE MOUNT, MID MOUNT OR UNDERGROUND BATTERY BOX



Engineered in Australia for some of the harshest environments on Earth.

Green Frog Systems provides innovative solar lighting technology world wide. Our GFS-400 solar street light has been designed to replace existing street light pole infrastructure or as a complete unit to meet the industrial solar requirements of heavy industry, businesses, councils and government.



Green Frog Systems

are leaders in Smart Solar Lighting solutions.

Established in Australia 2011, the company designs and manufactures quality solar street and pathway illumination systems with installations across Australia and overseas.

Green Frog Systems is committed to the continual development of leading edge, sustainable solar lighting and energy storage advancements.





LED

Adjustable LED angle to control light throw & spill light direction with 42 x USA Made XP-C CREE LED. Maximum LED efficacy 187lm/W. 60W=11,220lm / 75W=14,025lm / 100W=18,700lm



SYSTEM PERFORMANCE

Full brightness all night operation (60W) for up to 14 hour a night with 5 nights battery backup even in overcast or rainy conditions. Tuned for optimum low light and winter performance



SOLAR PANEL

Impact resistant 450W(p) mono-crystalline panels with class leading panel efficiency (21%) reinforced frame, backing plate and optional solar panel stone guard with 25 year Warranty



CERTIFICATIONS

ISO 9001:2015 / AS/NZS 1158.3.1 /



BATTERY & CHARGING

High quality GEL AGM batteries with 5 Year* warranty. Quick release IP68 waterproof connectors and controller with over discharge, short circuit & reverse polarity protection



DIMMING OPTIONS

Programmable ON / OFF settings (1-14 hours) light dimming settings from 5%-100% with additional program to schedule ON time before dawn (1-4 hours)



WEATHER RESISTANCE

IP65 rated which is able to withstand full flood immersion. IP68 waterproof components and connectors. Proven performance in tropical, desert, beach front and flood prone locations



VANDAL RESISTANCE

High strength IK10 poly-carbonate lenses with a tempered glass solar panel, 10mm steel battery box enclosure including recessed security screws and optional LED & solar panel stone guards



GREEN FROG SYSTEMS[®]
SOLAR LIGHTING INNOVATION[™]

HEAD OFFICE

51 Langford St Pooraka.
South Australia 5095

+61 8 7200 3909

info@greenfrogsystems.com.au
greenfrogsystems.com.au

USA / AMERICAS

1919 McKinney Avenue, Suite 100,
Dallas, Texas. 75201

+1 (214) 838-7010

info@greenfrogsystems.com
greenfrogsystems.com