

GFS-ASPIRE

SMART SOLAR STREET LIGHT

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

Designed in Australia to meet the increasing demand for smart connected lighting infrastructure

the ASPIRE offers an environmentally friendly, off-grid connected solar option where traditional lighting is impractical or cost prohibitive





THE ASPIRE SERIES TAKES THE BEST OF ALL PREDECESSORS AND PUTS THEM INTO A SINGLE, HIGH QUALITY, ULTRA RELIABLE SOLAR LIGHT.



Designed to meet the evolving contemporary design standards of tomorrow.

Green Frog Systems design and develop smarter solar lighting technology world wide. The ASPIRE range of solar street lights has been developed with elegance in mind, meeting the evolving standards of contemporary architectural design and the built environments of tomorrow.

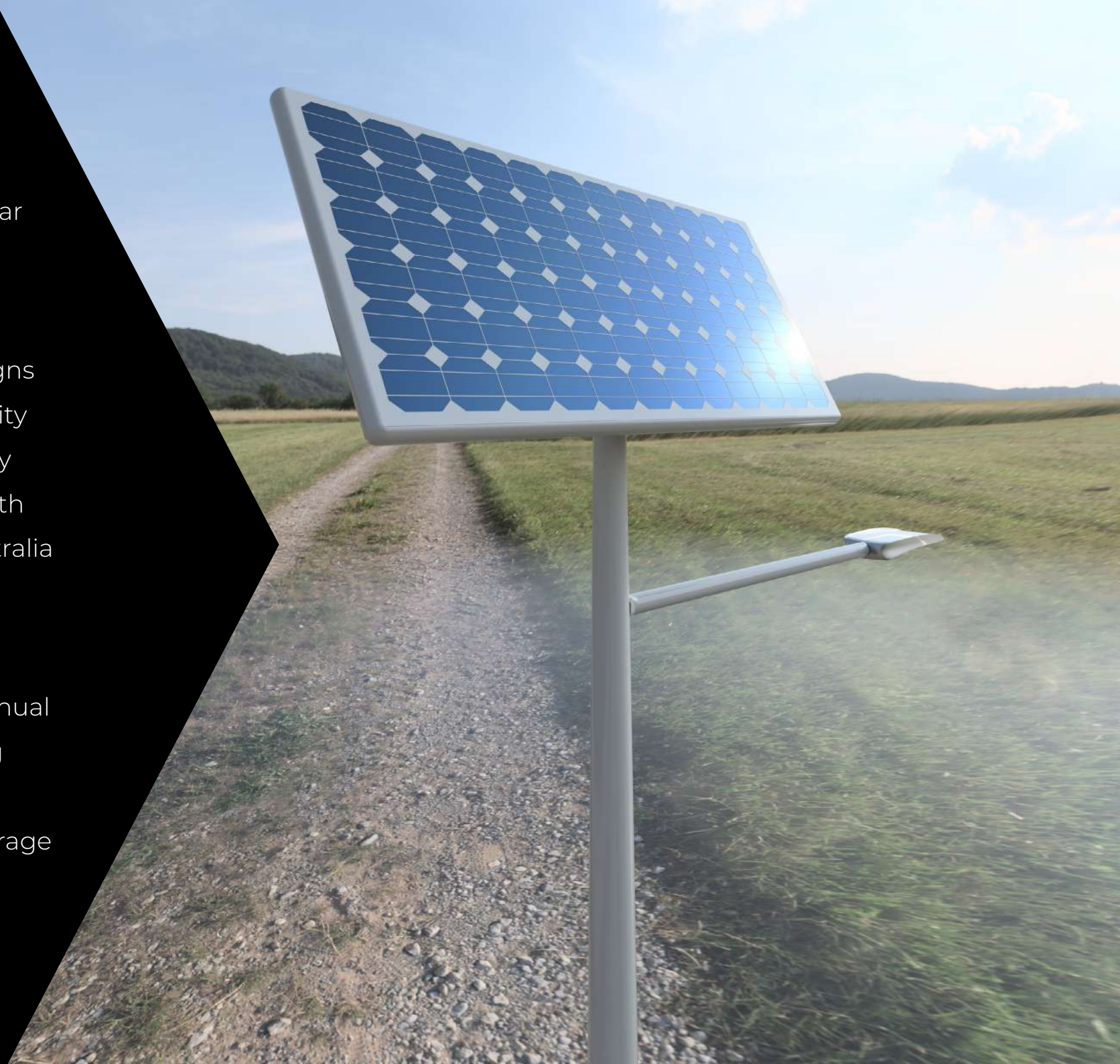


Green Frog Systems

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 between 0° - 15° to control light throw & spill light direction with 28 x USA Made XP-G CREE LED. Maximum LED efficacy 187lm/W. 30W=5,610lm / 60W=11,220lm / 75W=14,025lm / 100W=18,700lm



SYSTEM PERFORMANCE

Full brightness all night operation (30W) 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

360° rotation with 0°- 60° tilt. Impact resistant panel with edgeless frame design to prevent build up of dirt and avian fouling. 225W - 450W mono-crystalline panel(s) with class leading solar panel efficiency (21%), and a 25 year Warranty



PRODUCT DIFFERENTIATORS

Panel can be landscape or portrait orientation requires only an allen key. The panel can also be paired easily with additional units - a single additional mounting arm can turn the 225W system into a 450W system



BATTERY & CHARGING

Up to 4 Replaceable GFS Advanced Cell LiFeP04 Batteries in the pole or underground @ 1474Wh. Batteries are housed in a puncture, impact, heat, water and fire resistant aluminium shell with quick release IP68 waterproof connectors



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



VANDAL RESISTANCE

High strength IK10 poly-carbonate lenses with a tempered glass impact resistant solar panel, The back of the solar panel is protected by a dual layer aluminium backing plate for added impact and linter resistance

*3 year full warranty plus 2 years pro rata warranty. Refer to tech data sheet



GREEN FROG SYSTEMS®
SOLAR LIGHTING INNOVATION™

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