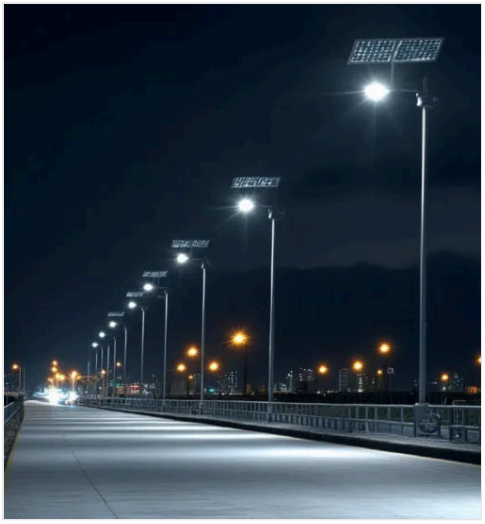
NEXUSHUB

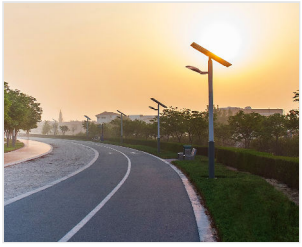
MODULAR SOLAR AREA LIGHT



PRODUCT DATA SHEET

SOLAR AREA LIGHTS

Hybrid and off-grid solar-powered area lighting · Green energy, reliable and robust · Premium design · Suitable for sites with limited or unreliable grid access



Hybrid and Off-Grid. Efficient. Reliable.

SOLAR-POWERED AREA LIGHTING

Designed to US quality standards. A co-developed battery design extends warranty coverage and battery life.

- **Product A - SAL-60L (6,000 lm):** Compact all-in-one design with battery integrated into the solar panel.
- **Product B - SAL-100L-OG (10,000 lm):** Off-grid model with external battery box for higher capacity.
- **Product C - SAL-100L-HB (10,000 lm):** Hybrid model with external battery box, solar-first operation, and grid backup for continuous lighting in critical environments.

KEY BENEFITS

Off-Grid Solar
No grid connection required (SAL-60L, SAL-100L-OG)

Hybrid Option
Grid backup available (SAL-100L-HB)

LiFePO4 Battery
2000+ charge cycles for long service life

IoT Available
Remote monitoring and smart connectivity

Multiple Optics
Tailored light distribution for different applications

Flexible Mounting
Multiple bracket options for flexible installation

5 YEARS WARRANTY

TECHNICAL SPECIFICATIONS

MODEL	**SAL-60L**	**SAL-100L-OG**	**SAL-100L-HB**
Max Power	30W	50W	50W
Lumen	6,000 lm	10,000 lm	10,000 lm
Solar Panel	55W	55W × 2	55W × 2
Battery	300 Wh (integrated)	600 Wh (external)	600 Wh (external)
Controller	MPPT	MPPT	Hybrid MPPT (w/ Grid)
Weight	45 lb	93 lb	94 lb

SPEC	VALUE
Efficacy	200 lm/W
CCT	3000K / 4000K / 5000K (selectable)
CRI	>70
Optics	Type 2 / Type 3 / Type 4 / Type 5
IP rating	IP65
Battery type	LiFePO4 (Lithium Iron Phosphate), 2000+ charge cycles
Control	Remote control, IoT integration
Brackets	Round pole / Square pole / Wall mount

USE ENVIRONMENT

Parking · Pathways · Parks · Industrial · Commercial · Schools · Hospitals · Ski trails · Off-grid sites

CONSULTATION AND CUSTOMER SUPPORT

Based in Thailand, our team provides consultation and support for sustainability and lighting solutions across Southeast Asia. Contact us for advice, technical assistance, and project planning.

GET IN TOUCH

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