LED ONLINE

TECHNICAL DATASHEET · 0477 SERIES

100W Model All-in-One Solar Street Light

SKU: **0477A100-01**



Model-specific technical specifications

Model	0477A100-01 (100W supplier model designation)
Solar panel	18V 81W monocrystalline (model-specific supplier table)
Battery	LiFePO4 12.8V 36Ah
LEDs / colour temperature	108 SMD3030 LEDs / 6000K
Control	Microwave motion sensor + light control
Ingress protection	IP65 (supplier specification)
Housing	Die-cast aluminium
Product dimensions (L × W × H)	1079 × 386 × 153 mm
Suggested installation height	5–7 m; subject to site lighting design
Charging time	6–8 hours (supplier claim; depends on sunlight, location and battery condition)
Discharging time	15–18 hours (supplier-stated; depends on charge and selected lighting mode, not continuous full-power runtime)
LED efficacy	160 lm/W (supplier LED-level rating, not a complete-luminaire output rating)
Lamp-body carton (L × W × H)	113 × 44 × 8.5 cm; 1 body per carton
Battery carton (L × W × H)	60 × 37.5 × 18 cm; 1 battery per carton
Warranty	5 years, provided by LED Online (60 months)
Excluded	Pole and installation
Supply lead time	12–14 weeks
Stock availability	Available on back order; immediate collection is not confirmed

Supply and warranty confirmation — 0477A100-01

This datasheet applies specifically to the LED Online 100W-model solar street light, OEM model **0477A100-01**.

LED Online provides a five-year (60-month) warranty for this product, exceeding the requested minimum of 24 months.

Supply lead time: 12–14 weeks. Available on back order. Confirm the collection date with LED Online before arranging collection.

The operating manual is linked below. This datasheet records the confirmed warranty period and provider; it is not a separate warranty certificate or a full set of warranty terms.

Remote-control operating modes

DEMO	Turns the light on for two minutes for testing only.
OFF	Turns the light off and disables automatic operation.
L	At night: 12 hours at full power.
T	At night: four hours at full power, followed by eight hours at 25% power.
M	At night: 12 hours of motion-sensor control.
U	At night: four hours at full power, followed by eight hours of motion-sensor control.

After pressing OFF, press M to resume automatic operation in motion-sensor mode.

These timings describe the programmed modes, not guaranteed battery runtime. Actual operating time depends on sunlight, battery charge and the selected lighting mode.

Download the 0477-series user manual (PDF) — installation diagrams, panel orientation and safety instructions.

Specification notes: Transcribed from the supplier's 0477-series brochure, model-specific page 7. Specifications are supplier-declared, not independent test results. Wattage names identify supplier models rather than measured continuous power. Runtime depends on sunlight, battery charge and lighting settings. Contact our team to confirm the operating profile, site suitability and full warranty terms before ordering.

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