STREET & PARKING LOT LIGHTS

PIR Solar Street Light

LiFePO4, 40–100W

EV-SL-109 · EV-SL-112 · EV-SL-115 · EV-SL-103

An all-in-one solar street light in 40W, 60W, 80W and 100W. LEDs, a tempered-glass monocrystalline panel and a drawer-mounted LiFePO4 battery sit in an anodised aluminium unibody; a smart remote sets timed or PIR modes.

IP65 | Project pricing on request



APPLICATIONS

All-in-one, split and bifacial solar street lights for roads, car parks, estates and campuses – 20W to 150W.

MODEL COMPARISON

LED	EV-SL-109 **40W · 90 LEDs**	EV-SL-112 **60W · 120 LEDs**	EV-SL-115 **80W · 180 LEDs**	EV-SL-103 **100W · 180 LEDs**
Solar panel	50W mono	75W mono	90W mono	90W mono
Battery	LiFePO4 230.4Wh	LiFePO4 307.2Wh	LiFePO4 384Wh	LiFePO4 460.8Wh
Pole height / spacing	4–6 m / 18–20 m	6–8 m / 24–30 m	8–10 m / 24–30 m	8–10 m / 24–30 m
Size	1040 × 328 mm	1490 × 328 mm	1640 × 328 mm	1640 × 328 mm

COMMON SPECIFICATIONS – ALL MODELS

LED efficacy / CCT	210 lm/W · 6000K · beam 151° × 91.9°
Default mode	AUTO: 5 h 100% + 7 h 25% with PIR boost (PIR range 3–15 m)
Charging / autonomy	6–8 h bright sun · 3–5 nights
Mounting	80 mm adaptor, adjustable 0–80°

Protection	IP65 / IK08 · -25°C to 65°C
Certificates	CE, RoHS, FCC
Warranty	3 years

FREE FOR PROJECTS

Lighting design & 3D simulation

Send us your site plan or road dimensions – we return pole spacing, mounting height, lux levels, uniformity, battery autonomy and a 3D layout with your quotation.

Sold by quotation – project pricing on request.

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