



LED Solar Street EA

- EIP** Up to 160 lm/W
- IK08** Impact Resistant
- IP65** Dustproof & Waterproof
- Rustproof**
- Energy Saving**

Application

- Neighborhood Street
- Drive Way
- Yard

Streetlight Specification

Item Description	Power (W)	CCT (K)	Lumen (lm)	Efficacy (lm/W)	Lifetime (L70/B50)	MOQ	Matching Battery&Solar Panel Solution
LED SolarStreet-EA 50W-4000-GD-GP	50	4000	8000	160	50000	25	130W solar Panel & 12.8V/60AH battery
LED SolarStreet-EA 50W-5700-GD-GP	50	5700	8000	160	50000	25	130W solar Panel & 12.8V/60AH battery
LED SolarStreet-EA 75W-4000-GD-GP	75	4000	12000	160	50000	25	200W solar Panel & 25.6V/50AH battery
LED SolarStreet-EA 75W-5700-GD-GP	75	5700	12000	160	50000	25	200W solar Panel & 25.6V/50AH battery
LED SolarStreet-EA 90W-4000-GD-GP	90	4000	14400	160	50000	25	240W solar Panel & 25.6V/60AH battery
LED SolarStreet-EA 90W-5700-GD-GP	90	5700	14400	160	50000	25	240W solar Panel & 25.6V/60AH battery

Solar panel Specification

Item Description	Silicon type	Pmax (w)	Vmp (V)	Imp (A)	Voc (V)	Lifetime (Yrs)
OPL-solar-poly-18V/130W	mono Crystalline	130	17.9	7.3	22.7	15
OPL-solar-poly-36V/200W	mono Crystalline	200	36.2	5.56	39.32	15
OPL-solar-poly-36V/240W	mono Crystalline	240	36.7	6.54	44.08	25

LIFEPO4 Battery Specification

Item Description	Battery Type	Capacity (Ah)	Rated Voltage (V)	Full-charged Voltage(V)	Standard charging mode	Lifetime
OPL-solar-battery-A-12.8V/60AH	Lithium iron phosphate(LIFEPO4)	60	12.8	14.5	CC-CV	2000 cycle/ >= 80% (0.2C/25 C)
OPL-solar-battery-B-25.6V/50AH	Lithium iron phosphate(LIFEPO4)	50	25.6	28.6	CC-CV	2000 cycle/ >= 80% (0.2C/25 C)
OPL-solar-battery-B-25.6V/60AH	Lithium iron phosphate(LIFEPO4)	60	25.6	28.6	CC-CV	2000 cycle/ >= 80% (0.2C/25 C)

Technical Specifications	
CRI	>=70
Colour Consistency (SDCM)	6
Dimmable	Yes (Automatic)
Housing Colour	Grey
IP	IP66
IK	IK08
Driver integrated (Yes/No)	No
Solar Panel Type	Mono Crystalline
Battery Type	Lithium iron phosphate(LIFEPO4)
Glow wire test	650°C

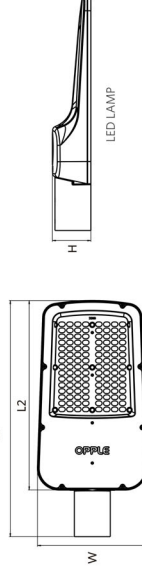
Mechanical Properties	
Housing Material	Die-cast Aluminum Alloy
Optical Material	PC
Application Conditions	
Operating Temperature	-20-50°C
Storage Environment	-25-65°C
Lighting solution	
Sat. brightness level	Schedule time/ per night
50%	2 hrs
100%	4 hrs
15%	6 hrs

The lighting solution can keep the light on for two nights.
Remark: local effective illumination time >= 4 hrs

Packaging Information

Item Description	Dimensions(mm) (L*W*H)	Packaging Unit Gross Weight (kg)	Packing Qty (pcs/unit)
LED SolarStreet-EA 50W-4000-GD-GP	560*260*115	3.1	1
LED SolarStreet-EA 50W-5700-GD-GP	560*260*115	3.1	1
LED SolarStreet-EA 75W-4000-GD-GP	560*260*115	3.1	1
LED SolarStreet-EA 75W-5700-GD-GP	560*260*115	3.1	1
LED SolarStreet-EA 90W-4000-GD-GP	560*260*115	3.1	1
LED SolarStreet-EA 90W-5700-GD-GP	560*260*115	3.1	1

Dimensional Drawing



Model	L1(mm)	L2(mm)	W(mm)	H(mm)
LED S5-EA 50W	505	405	235	82
LED S5-EA 70W	505	405	235	82
LED S5-EA 90W	505	405	235	82

Photometric Data

