SSL-SOLAR-AL-PRO
Solar All-In-One Street Light

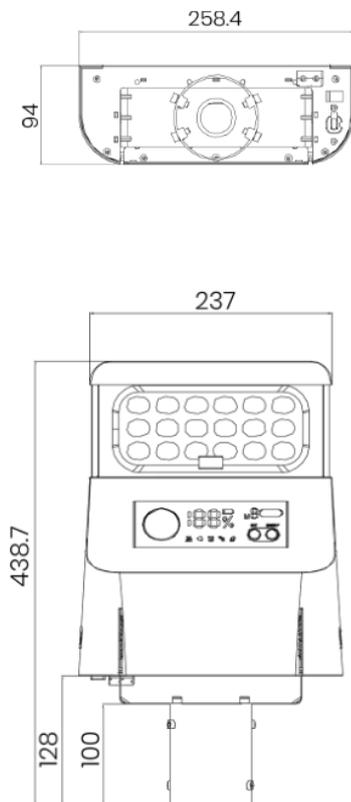**RANGER**

3 Meter   4 Meter   5 Meter

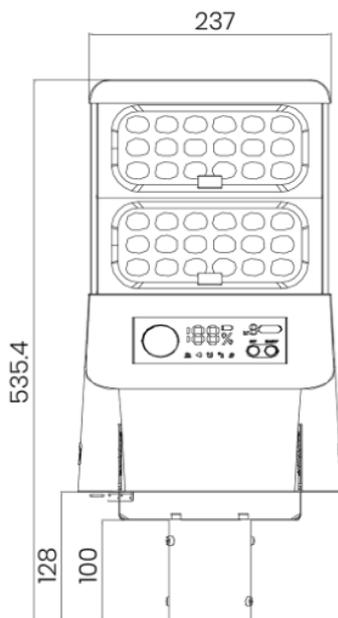| Mechanical Specifications	SSL-SOLAR-AL300-PRO	SSL-SOLAR-AL600-PRO	SSL-SOLAR-AL900-PRO
Lumens	3000LM	6000LM	9000LM
Solar Panel			
Power	Monocrystalline silicon,8.8V/ 10W	Monocrystalline silicon,13.2V/ 16W	Monocrystalline silicon,13.2V/ 20W
Li-ion Battery			
Capacity	7.4V, 38.48Wh	11.1V, 86.58Wh	11.1V, 115.44WH
Charging / Discharging Temp	-10°C~55°C / -20°C~60°C		
Charging Time	Solar Panel ≤ 6.43H	Solar Panel ≤ 6.76H	Solar Panel ≤ 6.86H
LED (OSRAM)	3030,3000K 18pcs + 5700K 18pcs	3030,3000K 72pcs + 5700K 72pcs	3030,3000K 108pcs + 5700K 108pcs
Color Temp	3000K / 5700K, Ra70	3000K / 5700K, Ra70	3000K / 5700K , Ra70
Efficiency	230lm/W	230lm/W	230lm/W
Types of Lighting	TYPE-IV		
LED Screen Content			
Battery Capacity Percentage	Battery capacity displayed from 0 to 100%, after the screen light up for 30s		
External solar charging indicator	Plug in and showed		
External adapter charging indicato	Plug in and showed		
External backup battery charging indicator	Plug in and showed		
PIR ON/OFF status	YES		
Rainning sensor display	YES		
Low battery display	Low battery icon will illuminate when the battery capacity drops below 20%		
Lighting mode display	Always show the lighting mode (but will not display when screen off)		

Performance

Lighting Time in Rainy day	>5 days		
Control Mode	Button Switch, ON/OFF Long Press 1.5s		
Lighting Mode	M1: 30% (PIR 30S) Till dawn M2: 30% (PIR 30S) 5H + 20% (PIR 30S) Till dawn M3: 30% (PIR 30S) 6H + 10% 5H + 30% (PIR 30S) Till dawn		
Core technology	ALS2.4		
External device identification	Identify external divice connection automatically: solar panels, adapters, backup batteries		
PIR	120°, 8m.Max		
IP / IK Class	IP65 / IK08		
Install Height / Distance	3m / 8m	4m / 12m	5m / 14m
Net Weight	2.25kg	2.94kg	3.37kg
Material	Aluminum+PC		
Dimension	438*258*94mm	535*258*94mm	631*258*94mm

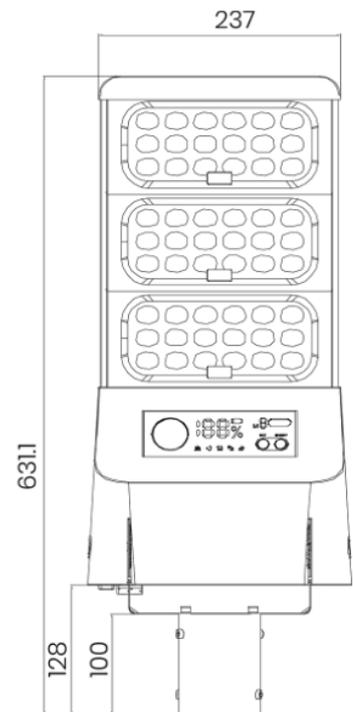## Dimension Drawings (mm)

*All specification is subject to change without prior notice.

AL300

AL600

AL900

Vertical Pole Mounting

Horizontal Pole Mounting

Wall Mounting

Extension Option   *All specification is subject to change without prior notice.

Support extension port: solar panel, backup battery, external adapter.