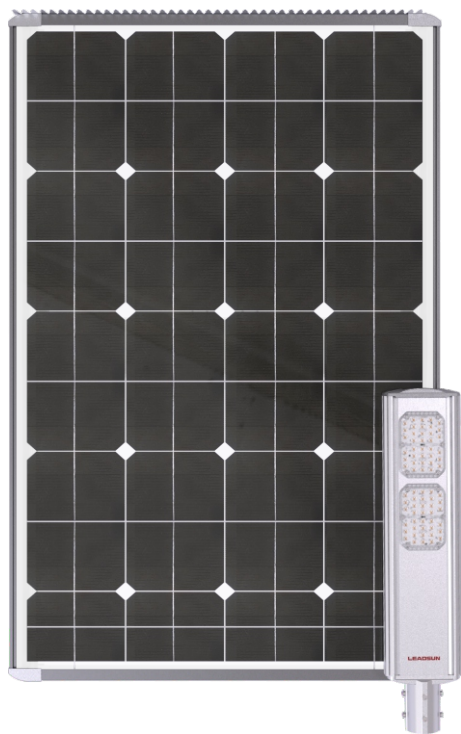
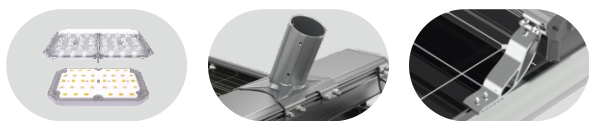


LEADSUN[®]

"Bright Ideas For An Even Brighter Future."



CE | IP66 | IK08

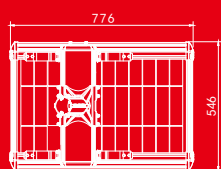


KV (Split Type) Solar Street Light

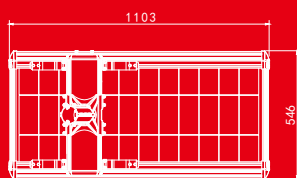
KV series solar street light is a brand-new product based on the design concept of super technology. Using double-sided power generation solar panel combined with tempered glass and transparent TPT technology, integrated battery & controller, and high efficiency LED, which has higher power generation efficiency compared with the traditional ordinary ones. With the unique design style, KV series is easy to install, maintain and transport, providing users with the perfect off-grid lighting solutions.



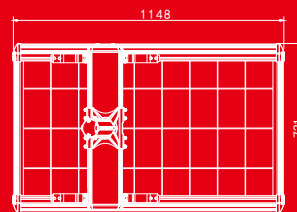
Physical Dimensions (mm)



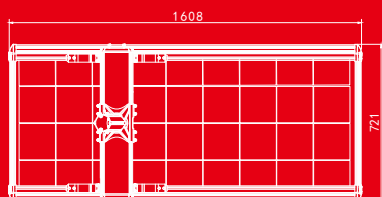
KV70N-RS20



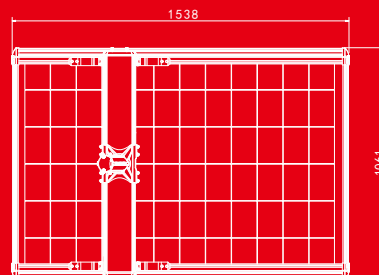
KV100P-RS30



KV150R-RS40



KV200T-RS60



KV300W-RS80

KV Split Type

Model No.		KV70L-RS20	KV100P-RS30	KV150R-RS40	KV200T-RS60	KV300W-RS80
Physical Parameters						
Power of PV Module (W)		70	100	150	200	300
Optional Lithium Battery Capacity (Wh)		205	410	615	820	1229
Net Weight of Product (kg)		14	16.8	21.2	23.8	35.2
Dimension of Product (mm)		776×546×191	1103×546×191	1148×721×191	1608×721×191	1538×1061×191
Light Photosensitivity (lx)		30	30	30	30	30
Main Package	Carton size(mm)*2 Sets	835x335x620	1162x315x620	1208x315x795	1668x315x795	1600x315x1135
	Gross Weight (kg)	31.5	37.8	47.8	56.8	76.8
Bracket Package	Carton size (mm)	240×170×260	240×170×260	240×170×260	240×170×260	240×170×260
	Gross Weight (kg)	2.6	2.6	2.6	2.6	2.6

Environment Requirement

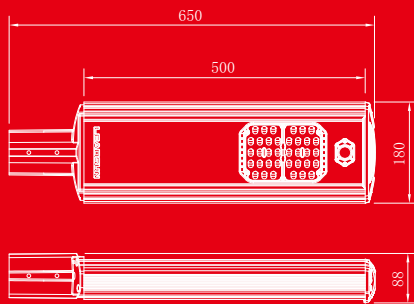
Charge Temperature	0℃~54℃
Discharge Temperature	-20℃~54℃
Storage Temperature (<3 months)	-20℃~45℃
Storage Temperature (3~12 months)	-20℃~25℃

Mounting Recommendation

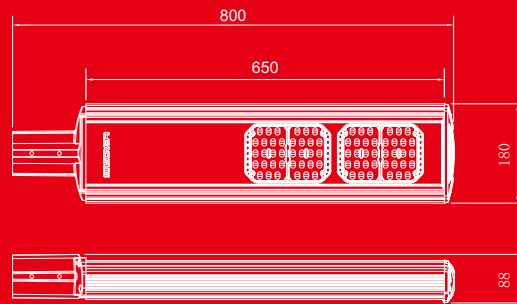
EPA(effective projected area) (ft ²)	2.74	3.29	4.52	6.33	8.91
APA (actual projected area) (ft ²)	1.93	2.74	3.77	5.27	7.42
Wind Load Rate (mph)	130	130	130	130	130
Maximum Bracket Inner Diameter (mm)	72	72	72	92	92
Top of Pole or Tenon OD (mm)	60~70	60~70	60~70	85~90	85~90

- * The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- * The torque setting for any bolts or screws used to secure the luminaire to the bracket is 14 N/m.
- * Use for outdoors only!

Physical Dimensions (mm)



RS20/RS30/RS40/RS50



RS60/RS80

LED LIGHT HEAD TECHNICAL DATA

Model No.	RS20	RS30	RS40	RS50	RS60	RS80
Qty. of LED Chips	36	36	36	36	2×36	2×36
PIR Sensor	●	●	●	●	/	/
Maximum Input Power of PV Module (W)	200W	200W	200W	200W	260W	260W
Range of Input Voltage (V)	12V	12V	12V	12V	12V	12V
Storage Temperature	-20°C~45°C	-20°C~45°C	-20°C~45°C	-20°C~45°C	-20°C~45°C	-20°C~45°C
Net Weight (kg)	4.5	4.5	4.5	4.5	4.8	4.8
Dimension of Product (mm)	650×180×88	650×180×88	650×180×88	650×180×88	800×180×88	800×180×88
Light Parameters						
Light Output (W)	20	30	40	50	60	80
Optional Distribution	Type 2, Type 3	Type 2, Type 3	Type 2, Type 3	Type 2, Type 3	Type 2, Type 3	Type 2, Type 3
Visual Angle	140°×70°	140°×70°	140°×70°	140°×70°	140°×70°	140°×70°
Color Temperature (K)	5000K	5000K	5000K	5000K	5000K	5000K
Typical Luminous Flux (lm)	3500	4950	6600	8250	9900	13200
Packing Parameters						
Dimension of Carton (mm)	705×145×230	705×145×230	705×145×230	705×145×230	855×145×230	855×145×230
Gross Weight of Package (kg)	6	6	6	6	6.3	6.3
Mounting Recommendation						
EPA (effective projected area) (ft ²)	0.57	0.57	0.57	0.57	0.70	0.70
APA (actual projected area) (ft ²)	0.47	0.47	0.47	0.47	0.58	0.58
Wind Load Rate (mph)	130	130	130	130	130	130
Installation Height (m)	4~7	5~8	5~8	7~10	7~10	8~12
Installation Distance (m)	15-25	20~30	20~30	25~40	30~45	35~45
Recommended Diameter of arm (mm)	60	60	60	60	60	60