



# Intelligent

## Solar Street Light

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**Solar Flyhorse Light**

Unique Integration Design | Power Control | Patent Bat-wing Lens | Light Efficiency Management | Rotating Solar Panel | MPPT Technology | Control Mode Management | LiFePO4 Lithium Battery

Type	RS-FH100	RS-FH120	RS-FH150	RS-FH200	RS-FH240
Solar panel	100W/18V	120W/18V	150W/18V	100W*2pcs/18V	120W*2pcs/18V
LiFePO4 battery	380WH	460WH	610WH	690WH	880WH
Charge cycle times	2000 times				
Luminous flux	5800-6100lm	7500-7700lm	9100-9300lm	10000-11000lm	11000-12000lm
Lamp power	30W	40W	50W	60W	70W
LED qty	150pcs				
Color temperature	3000-6000K				
CRI	≥70Ra				
Light distribution	Batwing lens with polarized light				
Lighting time	5-7rainy days				
Working temperature	-20 C ~60 C				
Pole top diameter	80mm				
Mounting height	7-12m				
Installation spacing	20-40m				



**Solar Nighthawk Light**

Unique Integration Design | Power Control | LiFePO4 Lithium Battery | Light Efficiency Management | Rotating Solar Panel | Microwave Motion Sensor | Control Mode Management | Light Distribution

Type	SC-NH80	SC-NH100	SC-NH150	SC-NH200
Solar panel	80W/18V	100W/18V	150W/18V	100W*2pcs/18V
LiFePO4 battery	340WH	420WH	575WH	650WH
Charge cycle times	2000 times			
Luminous flux	4500-5000lm	6000-6500lm	7200-7500lm	8400-9200lm
Lamp power	30W	40W	50W	60W
LED qty	150pcs			
Color temperature	3000-6000K			
CRI	≥70Ra			
Light distribution	Batwing lens with polarized light			
Lighting time	5-7rainy days			
Working temperature	-20 C ~60 C			
Pole top diameter	80mm			
Mounting height	6-12m			
Installation spacing	20-30m			



**Solar Sailing Light**



**Solar Sailing Light - II**








Unique Integration Design    Power Control    Battery Program Updated    Light Efficiency Management    LiFePO4 Lithium Battery    Control Mode Management








Unique Integration Design    Power Control    Battery Program Updated    Light Efficiency Management    LiFePO4 Lithium Battery    Control Mode Management

Type	RS-SL65	RS-SL80	RS-SL100
Solar panel	50W/5V	65W/18V	80W/18V
LiFePO4 battery	170WH	190WH	260WH
Charge cycle times	2000 times		
Luminous flux	2500-2700lm	3000-3600lm	4500-5400lm
Lamp power	15W	20W	30W
LED qty	60pcs		
Color temperature	3000-6000K		
CRI	≥70Ra		
Light distribution	Batwing lens with polarized light		
Lighting time	5-7 rainy days		
Working temperature	-20°C~60°C		
Pole top diameter	60mm		
Mounting height	4-8m		
Installation spacing	10-30m		

Type	RS-SL60P	RS-SL80P	RS-SL100P
Solar panel	60W/6V	80W/6V	100W/6V
LiFePO4 battery	144WH	192WH	307WH
Charge cycle times	2000 times		
Luminous flux	2500-2700lm	3400-3600lm	5000-5400lm
Lamp power	15W	20W	30W
LED qty	100pcs		
Color temperature	3000-7500K		
CRI	≥70Ra		
Light distribution	Batwing lens with polarized light		
Lighting time	5-7 rainy days		
Working temperature	-20°C~60°C		
Pole top diameter	60mm		
Mounting height	4-8m		
Installation spacing	10-30m		



## Solar Street Light (Y series)



## Solar Street Light(AIO)



Type	YY-60	YY-80	YY-100	YY-120	YP-120	YP-150	YP-200
Solar panel	40W/5V	60W/6V	80W/6V	100W/6V	120W/18V	150W/18V	100W*2pcs/18V
LiFePO4 battery	144WH	192WH	320WH	384WH	576WH	691WH	768WH
Charge cycle times	2000 times	2000 times	2000 times	2000 times	2000 times	2000 times	2000 times
Luminous flux	2500lm	3400lm	4800lm	6400lm	9600lm	11200lm	12800lm
Lamp power	15W	20W	30W	40W	60W	70W	80W
LED qty	80pcs			100pcs			
Color temperature	3000-7500K						
CRI	≥70Ra						
Light distribution	Batwing lens with polarized light						
Lighting time	5-7 rainy days						
Working temperature	-20 C ~60 C						
Arm diameter	60mm						
Mounting height	5-7m			7-12m			
Installation spacing	20-30m			30-40m			

Type	AL-20	AL-30	AL-40	AL-50	AL-60	AL-80	AL-100
Solar panel	36W/18V	48W/18V	60W/18V	72W/18V	80W/18V	95W/18V	110W/18V
LiFePO4 battery	192WH	256WH	320WH	512WH	512WH	640WH	768WH
Charge cycle times	2000 times	2000 times	2000 times	2000 times	2000 times	2000 times	2000 times
Luminous flux	2600lm	3900lm	5200lm	6500lm	7800lm	10400lm	13000lm
Lamp power	20W	30W	40W	50W	60W	80W	100W
LED qty	60pcs			150pcs			
Color temperature	3000-7500K						
CRI	≥70Ra						
Light distribution	Batwing lens with polarized light						
Lighting time	5-7 rainy days						
Working temperature	-20 C ~60 C						
Pole top diameter	60mm-100mm						
Mounting height	5-10m						
Installation spacing	20-40m						



**Solar Star Light - I**



**Solar Star Light - II**









Battery Program Updated    Power Control    Patent Bat-wing Lens    Light Efficiency Management    LiFePO4 Lithium Battery    Fashionable Design    Control Mode Management









Battery Program Updated    Power Control    Patent Bat-wing Lens    Light Efficiency Management    LiFePO4 Lithium Battery    Fashionable Design    Control Mode Management

Type	ST1-20	ST1-30	ST1-40	ST1-60	ST1-80	ST1-100
Solar panel	36W/5V	45W/6V	60W/6V	80W/18V	110W/18V	110W/18V
LiFePO4 battery	192WH	256WH	320WH	512WH	640WH	768WH
Charge cycle times	2000 times					
Luminous flux	2600lm	3900lm	5200lm	7800lm	10400lm	13000lm
Lamp power	20W	30W	40W	60W	80W	100W
LED qty	100pcs					
Lifespan of LED	50000 hrs					
Color temperature	3000-7500K					
CRI	≥70Ra					
Light distribution	Batwing lens with polarized light					
Lighting time	5-7 rainy days					
Working temperature	-20 C ~60 C					
Pole top diameter	60mm					
Mounting height	5-10m					
Installation spacing	20-30m					

Type	ST2-20	ST2-30	ST2-40	ST2-60	ST2-80	ST2-100
Solar panel	36W/5V	45W/6V	60W/6V	80W/18V	110W/18V	110W/18V
LiFePO4 battery	192WH	256WH	320WH	512WH	640WH	768WH
Charge cycle times	2000 times					
Luminous flux	2600lm	3900lm	5200lm	7800lm	10400lm	13000lm
Lamp power	20W	30W	40W	60W	80W	100W
LED qty	100pcs					
Lifespan of LED	50000 hrs					
Color temperature	3000-7500K					
CRI	≥70Ra					
Light distribution	Batwing lens with polarized light					
Lighting time	5-7 rainy days					
Working temperature	-20 C ~60 C					
Pole top diameter	60mm					
Mounting height	5-10m					
Installation spacing	20-30m					



## Solar Star Light - ST3



## Solar Star Light - Pro



Battery Program Updated



Power Control



Patent Bat-wing Lens



Light Efficiency Management



LiFePO4 Lithium Battery



Fashionable Design



Control Mode Management



Battery Program Updated



Power Control



Patent Bat-wing Lens



Light Efficiency Management



LiFePO4 Lithium Battery



Fashionable Design



Control Mode Management

Type	ST3-60	ST3-80	ST3-100
Solar panel	80W/18V	110W/18V	110W/18V
LiFePO4 battery	512WH	640WH	768WH
Charge cycle times	2000 times		
Luminous flux	7800lm	10400lm	13000lm
Lamp power	60W	80W	100W
LED qty	100pcs		
Lifespan of LED	50000 hrs		
Color temperature	3000-7500K		
CRI	≥70Ra		
Light distribution	Batwing lens with polarized light		
Lighting time	5-7 rainy days		
Working temperature	-20 C ~60 C		
Pole top diameter	60mm		
Mounting height	5-10m		
Installation spacing	20-30m		

Type	SP-110	SP-160	SP-165
Solar panel	110W/18V	160W/18V	160W/18V
LiFePO4 battery	768WH	1152WH	1536WH
Charge cycle times	2000 times		
Luminous flux	10400lm	12800lm	16000lm
Lamp power	65W	80W	100W
LED qty	100pcs	200pcs	
Lifespan of LED	50000 hrs		
Color temperature	3000-7500K		
CRI	≥70Ra		
Light distribution	Batwing lens with polarized light		
Lighting time	5-7 rainy days		
Working temperature	-20 C ~60 C		
Mounting height	8-12m		
Installation spacing	30-40m		



## Solar light (LA series)



Battery Program Updated



Power Control



Patent Bat-wing Lens



Light Efficiency Management



Charge and Discharge Management



Battery Power Indicator



## Solar Moon Light



Unique Integration Design



Power Control



LiFePO4 Lithium Battery



Fashionable Design



Rotating Solar Panel



Charge and Discharge Management



Control Mode Management

Type	LA-20P	LA-30P
Solar panel	20W/5V	30W/5V
LiFePO4 battery	76WH	144WH
Charge cycle times	2000 times	
Luminous flux	1200lm	1800lm
Lamp power	8W	12W
LED qty	60pcs	60pcs
Lifespan of LED	50000 hrs	
Color temperature	3000-7500K	
CRI	≥70Ra	
Lighting time	2-3 rainy days	
Working temperature	-20 C ~60 C	
Arm diameter	60mm	
Mounting height	5-6m	

Type	RS-ML-H5000	RS-ML-R40
Solar panel	20W/5V	40W/4.5V
LiFePO4 battery	52WH	105WH
Charge cycle times	2000 times	
Luminous flux	1200-1440lm	1500-1800lm
Lamp power	8W	12W
LED qty	24pcs	30pcs
Lifespan of LED	50000 hrs	
Color temperature	3000-7500K	
CRI	≥70Ra	
Lighting time	2-3 rainy days	
Working temperature	-20 C ~60 C	
Pole top diameter	40-60mm	
Mounting height	3-5m	
Installation spacing	8-10m	



## Solar Beatle Light



## Solar Nest Light

Type	RS-NL2000
Solar panel	10W/5V
LiFePO4 battery	38WH
Charge cycle times	2000 times
Luminous flux	500-550lm
Lamp power	3W
LED qty	12pcs
Lifespan of LED	50000 hrs
Color temperature	3000-7500K
CRI	≥70Ra
Lighting time	2-3 rainy days
Working temperature	-20 C~60 C
Installation options	pole, lawn, wall



Unique Integration Design



Power Control



LiFePO4 Lithium Battery



Light Efficiency Management



Fashionable Design



Charge and Discharge Management



Environmental Decoration



Unique Integration Design



Power Control



LiFePO4 Lithium Battery



Light Efficiency Management



Charge and Discharge Management



Environmental Decoration



Fashionable Design

Type	RS-BL5000	RS-BL30000	RS-BL40000
Solar panel	15W/5V	30W/5V	40W/5V
LiFePO4 battery	35WH	76WH	128WH
Charge cycle times	2000 times		
Luminous flux	900-1000lm	1600-1700lm	2600-2700lm
Lamp power	5W	9W	15W
LED qty	40pcs	80pcs	
Lifespan of LED	50000 hrs		
Color temperature	3000-7500K		
CRI	≥70Ra		
Lighting time	2-3 rainy days		
Working temperature	-20 C~60 C		
Installation options	pole, lawn, wall		

## Solar Bee Light

Type	RS-BE2000-DZ	RS-BE2000-DG
Solar panel	10W/5V	
LiFePO4 battery	38WH	
Charge cycle times	2000 times	
Luminous flux	500-550lm	
Lamp power	3W	
LED qty	12pcs	
Lifespan of LED	50000 hrs	
Color temperature	3000-7500K	
CRI	≥70Ra	
Lighting time	2-3 rainy days	
Working temperature	-20 C~60 C	
Installation options	pole, lawn, wall	

