

Catalog

كتالوج الكشافات Lighting Catalog

Shahen
for Renewable Energy

2026



شاهين الأولى للطاقة المتجددة
SHAHEN ALAWLA FOR RENEWABLE ENERGY



Welcome to
Shahen






Product catalog



8 Series

INTELLIGENT ENJOYMENT
OF NATURAL RESOURCES

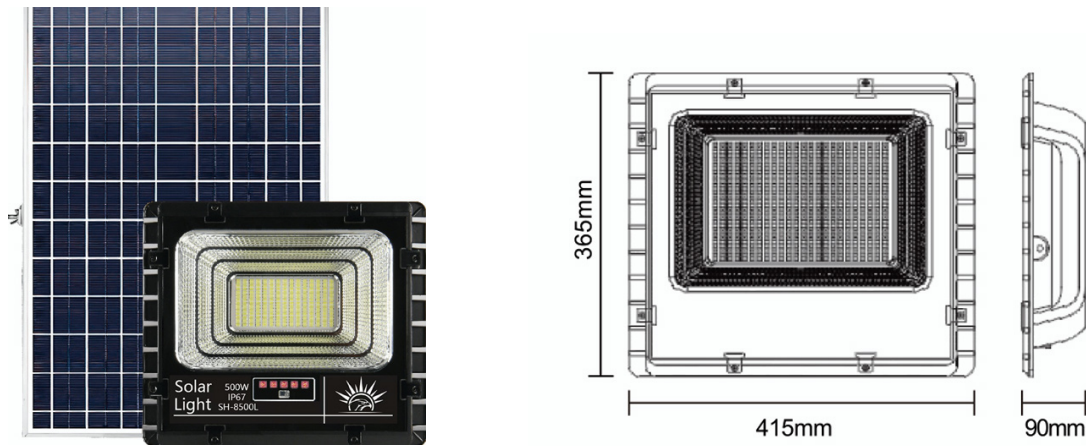
Intelligent enjoyment of natural resources Adopting new power supply, environmentally friendly and high-quality batteries

-  Easy installation
-  High lumen LED
-  Extremely waterproof
-  High quality solar panels
-  Lights up all night



**Light pole
installation**

**Wall
installation**



"WITH SHAHEN , WE TURN SUNLIGHT INTO SUSTAINABLE ENERGY THAT SERVES PEOPLE AND COMMUNITIES."

Product parametres








	SH-8100	SH-8200	SH-8300	SH-8600	SH-81000
Solar panel	6V 18W	6V 25W	6V 35W	6V 48W	6V 70W
Battery	3.2V 13AH	3.2V 19.5AH	3.2V 26AH	3.2V 32AH	3.2V 52AH
LED Qty	110PCS	156PCS	255PCS	399PCS	806PCS
Lumens lm	1500lm	2000lm	2700lm	3700lm	6000lm
Beam angle	120°	120°	120°	120°	120°
Working time	10-15H	10-15H	10-15H	10-15H	10-15H
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Lamp size (mm)	220*225*70	245*285*90	290*330*90	330*375*90	520*410*95
Solar panel (mm)	340*290*15	500*340*15	580*360*15	640*360*15	825*515*25
G.W Kg	23.2KG	29.8KG	22.9KG	25.6KG	24KG
Outer box	82*23*36.5 8PCS/CTN	52.5*49*37.5 7PCS/CTN	61*32*38 4PCS/CTN	67.5*31.5*39 4PCS/CTN	85*21*54.5 2PCS/CTN



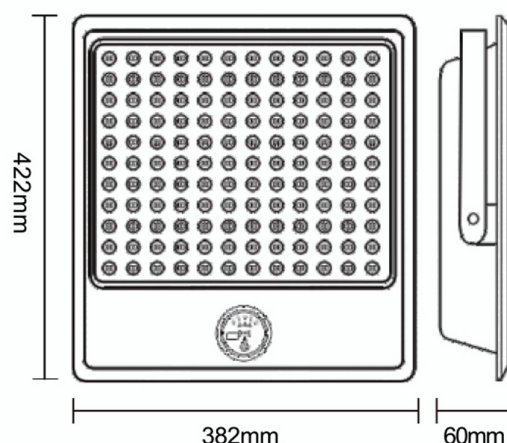
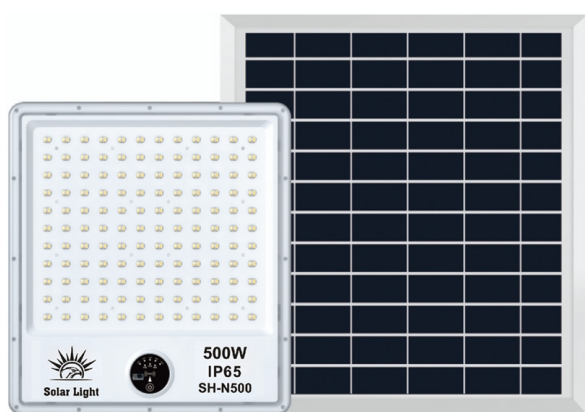
N Series

APPLICATION SITE

Main roads, bridges, squares parks, rural road construction, ect





-  Easy installation
-  High lumen LED
-  Extremely waterproof
-  High quality solar panels
-  Lights up all night





AT SHAHEN , WE BELIEVE SUNLIGHT IS THE ENERGY OF THE FUTURE — AND WE TURN IT INTO RELIABLE SOLUTIONS FOR HOMES, FARMS, AND GOVERNMENT PROJECTS.

Product parametres






					
		SH-N100	SH-N200	SH-N300	SH-N500
Solar panel		MONO 6V8W	MONO 6V12W	MONO 6V20W	MONO 6V25W
LED Qty		2835Highlight 48Pieces	2835Highlight 84Pieces	2835Highlight 144Pieces	2835Highlight 264Pieces
Battery capacity		26650/3000mAH	26700/4000mAH	26700/8000mAH	26700/12000mAH
Whole lamp power	Radar status	5W	6.6W	13.2W	19.8W
	Always on state	2.5W	3.3W	6.6W	9.9W
Lighting duration		≥12H	≥12H	≥12H	≥12H
Lamp body size		210*220mm	242*266mm	315*342mm	382*422mm
Solar panel size		180*270mm	235*350mm	260*390mm	330*390mm
Packing quantity		18	12	10	6
G.W Kg		20.68KG	20.41KG	20.41KG	23.5KG
Outer box size in cm		71*45*29cm	50*46*37cm	65*42*41cm	50*39.5*44.5cm
Lumens lm		250lm	450lm	900lm	1100lm

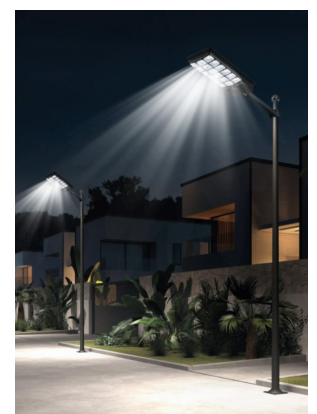


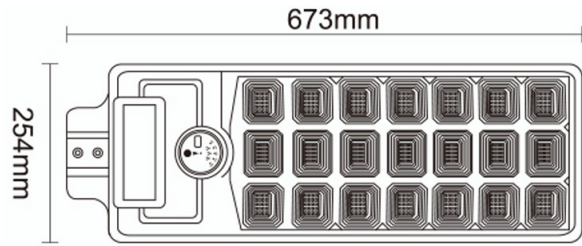
M Series

ALL IN ONE SOLAR STREET LIGHT

Construction of courtyards, bridges, main roads, and rural roads

-  Easy installation
-  High lumen LED
-  Extremely waterproof
-  High quality solar panels
-  Lights up all night





SHAHEN TRANSFORMS THE SUN'S POTENTIAL INTO PRACTICAL, EFFICIENT, AND SUSTAINABLE POWER FOR ALL.

Product parametres



SH-M1000

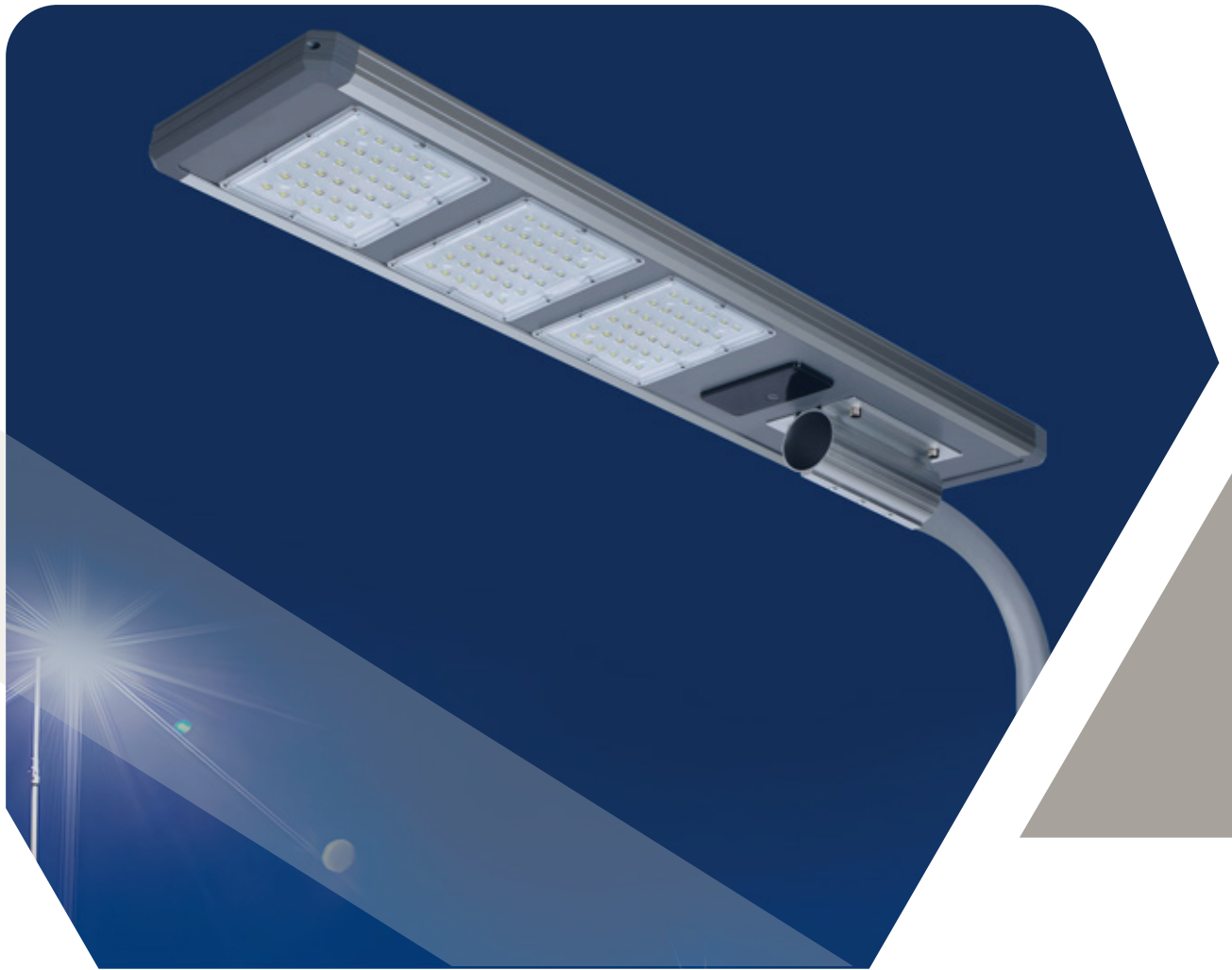


SH-M1500



SH-M2000






	SH-M1000	SH-M1500	SH-M2000
LED Lamp	180pcs 2835LED	360pcs 2835LED	420pcs 2835LED
Solar Panel	6V9W,MONO	6V12W,MONO	6V16W,MONO
Battery Type	Lithium-Ion 3.2V 5AH	Lithium-Ion 3.2V 10AH	Lithium-Ion 3.2V 15AH
Charging time	4-6H	4-6H	4-6H
Material	ABS	ABS	ABS
Lamp size	468*230mm	251*573mm	254*673mm
Solar Panel Size	212*398mm	230*508mm	230*608mm
Lighting area	130m ²	260m ²	350m ²
Warranty	1 year	1 year	1 year
Working time	≥12H	≥12H	≥12H
Outside package size	51*48*49.5cm 12pcs/ctn 21.8kg	62.5*53*33cm 8pcs/ctn 22.5kg	72.5*56*27.5cm 7pcs/ctn 23.5kg
Lumens lm	500lm	1000lm	1500lm



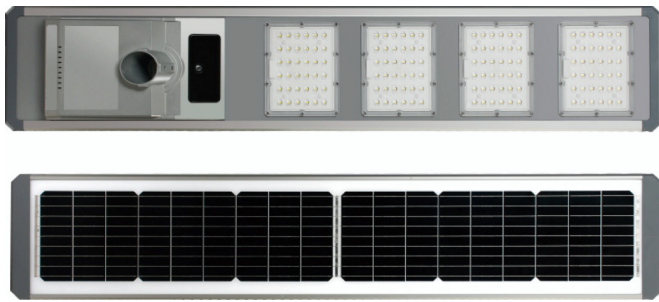
H Series

APPLICATION PLACES:

Construction of courtyard, bridges, main roads, and rural roads

-  Easy installation
-  High lumen LED
-  Extremely waterproof
-  High quality solar panels
-  Lights up all night





“

WITH SHAHEN, WE TURN SUNLIGHT INTO SUSTAINABLE ENERGY THAT SERVES PEOPLE AND COMMUNITIES.”

Product parametres



H2000



H5000



H15000






	H2000	H5000	H15000
LED Lamp: (5054SMD)	108pcs 6500K	144pcs 6500K	180pcs 3000K-6500K
Solar Panel	35W, MONO	46W, MONO	55W, MONO
Battery Type	Lithium-Ion 3.2V 30AH	Lithium-Ion 35AH	Lithium-Ion 45AH
Charging time	3-5H	3-5H	3-5H
Material	Aluminum	Aluminum	Aluminum
Lamp size	255*1000mm	255*1250mm	255*1500mm
install Height	5-6M	6-8M	6-8M
Lighting area	350	400	450
Warranty	1 year	1 year	1 year
Working time	12-15H	12-15H	12-15H
Outside package size	113*34.5*30.5cm 4pcs/ctn 24.6kg/caton	130.5*15.5*30.5cm 1pcs/ctn 8.6kg/caton	153.5*15.5*30.5cm 1pcs/ctn 9.8kg/caton
Lumens lm	2700lm	4500lm	6000lm



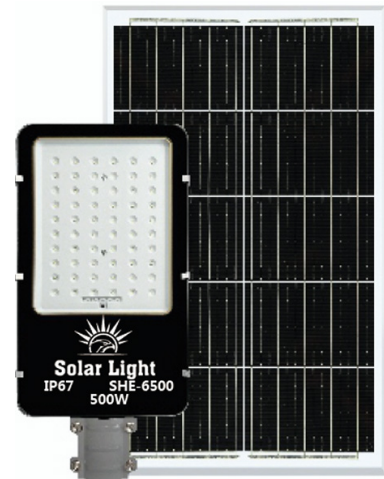
K Series

APPLICATION PLACES:

Construction of courtyards, bridges, main roads, and rural roads

-  Easy installation
-  High lumen LED
-  Extremely waterproof
-  High quality solar panels
-  Lights up all night





66

AT SHAHEN , WE BELIEVE SUNLIGHT IS THE ENERGY OF THE FUTURE — AND WE TURN IT INTO RELIABLE SOLUTIONS FOR HOMES, FARMS, AND GOVERNMENT PROJECTS.

Product parametres








SH-K1000

LED Lamp	60pcs 2835LED 3000k-6500k
Solar Panel	6V35W,MONO
Battery Type	Lithium-Ion 3.2V 36000MAH
Charging time	3-5H
Material	Aluminum
Lamp size	540*250mm
Install Height	6-8 m
Panel size	580*350mm
Warranty	1 year
Working time	15-16H
Outside package size	41.5*59*13.5cm 1pcs/ctn 9.2kg
Lumens lm	2000lm



S Series

Construction of courtyards, bridges, main roads, and rural roads

-  Easy installation
-  High lumen LED
-  Extremely waterproof
-  High quality solar panels
-  Lights up all night



66

SHAHEN TRANSFORMS THE SUN'S POTENTIAL INTO PRACTICAL, EFFICIENT, AND SUSTAINABLE POWER FOR ALL.

Product parametres



S2000






LED Lamp	119pcs5730 SMD LED-2000K/6500K
Solar Panel	6V18W,Polycrystalline
Battery Type	LifePO4 3.2V 10AH
Charging time	3-5H
Material	Aluminum
Lamp size	370*370*160mm
Lumens lm	1000lm
Panel size	350*350mm
Warranty	1 year
Working time	12H
Outside package size	6pcs/ctn 50*37.5*74 cm 16.2kg



G90 Series

APPLICATION PLACES:

Construction of courtyards, bridges, main roads, and rural roads

-  Easy installation
-  High lumen LED
-  Extremely waterproof
-  High quality solar panels
-  Lights up all night





66

"WITH SHAHEN, WE TURN SUNLIGHT INTO SUSTAINABLE ENERGY THAT SERVES PEOPLE AND COMMUNITIES."

Product parametres



SH-G90-A



SH-G90-B



SH-G90-B

LED Lamp	28pcs SMD	28pcs SMD	28pcs SMD
Solar Panel	3W,Polycrystalline	3W,Polycrystalline	3W,Polycrystalline
Battery Type	2800MAH 18650 LI-ION	2800MAH 18650 LI-ION	2800MAH 18650 LI-ION
Charging time	4-6H	4-6H	4-6H
Material	ABS	ABS	ABS
Lamp size	H 270*W 170mm	H 255*W 170mm	H 510*W 170mm
LED	RGB	RGB	RGB
Panel size	125*125mm	125*125mm	125*125mm
Warranty	1 year	1 year	1 year
Working time	12-15H	12-15H	12-15H
Outside package size	53.5*53.5*64.5cm 27pcs/ctn 16.8kg/ctn	53.5*53.5*64.5cm 27pcs/ctn 16.8kg/ctn	53.5*53.5*64.5cm 27pcs/ctn 16.8kg/ctn
Lumens lm	100lm	100lm	100lm



Shahen-LS-12V06A / LS-12V12A Emergency & Lighting Kits

Feature	Specification / Details
Product Type	Portable Solar Power System
Available Models	SHA-LS-12V06A / SHA-LS-12V12A
Solar Panel	Foldable dual-panel design with hinges
Display	Digital LCD screen for battery capacity monitoring
DC Outputs	4 × 12V DC ports (L1, L2, L3, L4) for lighting
USB Outputs	1 × USB Type-A (5V)
Feature	1 × USB Type-C
Included Lighting	4 × LED bulbs with individual connection cables
Supported Devices	LED Bulbs, Mobile Phones, Small Fans, Radios
Additional Accessories	Multi-head USB charging cable
Key Design Features	Compact form factor, top carrying handle, main ON/OFF switch, plug-and-play setup





شاهين الأولى للطاقة المتجددة
SHAHEN ALAWLA FOR RENEWABLE ENERGY

 الرياض - حي قرطبة - الدائري الشمالي الفرعي باتجاه الغرب

 www.shahen.com.sa  shahensolar

 info@shahen.com.sa

  920016659