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LGP-1000UK 07/17 www.legendswitches.com

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Description

Model		SMLN-12W	SMLN-15W
LED lamp	Max power	12V12W	12V15W
	Lumen(lm)	1320~1440lm	1650~1800lm
	Life time	>100,000 hours (USA Bridgelux LED Chip 45x45mil 150~160lm/w)	
	Viewing angle	120°	
	Color temp.	2500k ~6500k (warm white, pure white or cool white)	
Solar panel	Max power	18V/30W	
	Type & life time	Imported american sunpower brand high efficiency mono solar cell, 85% output-power in 25 years	
LiFePo4 battery	Capacity	12.8V/9Ah	12.8V/12Ah
	Life time	>6 years	
Controller	Infrared sensor	Lighting time controlled by infrared sensor	
Charging	by sun	6~10 hours	
Lighting time	Adjustable	10~12 hours/day, 3~5 continuous rainy days	
Work temp.	range(°c)	-30°c~+75°c	
Pole Height	range(m)	3~5m	
Pole Space	range(m)	8~15m	
Material		Aiuminum alloy + tempered glass (IP65)	
Certificate		CE / RoHS / IEC60598	
Packing & Weight	Product Size	710x350x55mm	
	Product weight	5.8kgs	8kgs
	Carton size(mm)	730x440x450mm	
	Q'TY/CTN	3set	
	G.W./CTN	27kg	28kgs





LUME ITALIA



Description

Model		SMLN-18W	SMLN-20W
LED lamp	Max power	12V18W	12V20W
	Lumen(lm)	1980~2160lm	2200~24000lm
	Life time	>100,000 hours (USA Bridgelux LED Chip 45x45mil 150~160lm/w)	
	Viewing angle	120°	
	Color temp.	2500k ~6500k (warm white, pure white or cool white)	
Solar panel	Max power	18V/50W	
	Type & life time	Imported american sunpower brand high efficiency mono solar cell, 85% output-power in 25 years	
LiFePo4 battery	Capacity	12.8V/14Ah	12.8V18Ah
	Life time	>6 years	
Controller	Infrared sensor	Lighting time controlled by infrared sensor	
Charging	by sun	6~10 hours	
Lighting time	Adjustable	10~12 hours/day, 3~5 continuous rainy days	
Work temp.	range(°c)	-30°c~+75°c	
Pole Height	range(m)	4~5m	
Pole Space	range(m)	8~20m	
Material		Aiuminum alloy + tempered glass (IP65)	
Certificate		CE / RoHS / IEC60598	
Packing & Weight	Product Size	920x330x140mm	
	Product weight	11.5kg	12.5kg
	Carton size(mm)	950x410x210mm	
	Q'TY/CTN	1set	
	G.W./CTN	14kgs	15kg



Description

LED lamp	Max power	12V25W	12V30W	12W40W
	Lumen(lm)	2750~3000lm	3300~3600lm	4400~4800lm
	Life time	>100,000 hours (USA Bridgelux LED Chip 45x45mil 150~160lm/w)		
	Viewing angle	120°		
	Color temp.	2500k ~6500k (warm white, pure white or cool white)		
Solar panel	Max power	18V/60W		
	Type & life time	Imported american sunpower brand high efficiency mono solar cell, 85% output-power in 25 years		
LiFePo4 battery	Capacity	12.8V/21Ah	12.8V/24Ah	12.8V/27Ah
	Life time	>6 years		
Controller	Infrared sensor	Lighting time controlled by infrared sensor		
Charging	by sun	6~10 hours		
Lighting time	Adjustable	10~12 hours/day, 3~5 continuous rainy days		
Work temp.	range(°c)	-30°c~+75°c		
Pole Height	range(m)	4~7m		
Pole Space	range(m)	8~20m		
Material	Aiuminum alloy + tempered glass (IP65)			
Certificate	CE / RoHS / IEC60598			
Packing & Weight	Product Size	1170x330x145mm		
	Product weight	17kg	18kgs	19kg
	Carton size(mm)	1200x410x230mm		
	Q'TY/CTN	1set		
	G.W./CTN	18kgs	19kg	20kgs



All In One Solar Street Light



Description

LED lamp	Max power	12V50W	12V60W	12V70W
	Lumen(lm)	5500~6000lm	6600~7200lm	7700~8400lm
	Life time	>100,000 hours (USA Bridgelux LED Chip 45x45mil 150~160lm/w)		
	Viewing angle	120°		
	Color temp.	2500k ~6500k (warm white, pure white or cool white)		
Solar panel	Max power	18V/90W		
	Type & life time	Imported american sunpower brand high efficiency mono solar cell, 85% output-power in 25 years		
LiFePo4 battery	Capacity	12.8V/33Ah	12.8V/42Ah	12.8V/45Ah
	Life time	>6 years		
Controller	Infrared sensor	Lighting time controlled by infrared sensor		
Charging	by sun	6~10 hours		
Lighting time	Adjustable	10~12 hours/day, 3~5 continuous rainy days		
Work temp.	range(°c)	-30°c~+75°c		
Pole Height	range(m)	5~7m		
Pole Space	range(m)	20~25m		
Material		Aiuminum alloy + tempered glass (IP65)		
Certificate		CE / RoHS / IEC60598		
Packing & Weight	Product Size	1200x450x145mm		
	Product weight	21kg	23kg	24kgs
	Carton size(mm)	1230x510x230mm		
	Q'TY/CTN	1set		
	G.W./CTN	22kgs	24kgs	25kg





All In One Solar Street Light



Description

LED lamp	Max power	24V80W	24V90W	24V100W
	Lumen(lm)	8800~9600lm	9900~10800lm	11000~12000lm
	Life time	>100,000 hours (USA Bridgelux LED Chip 45x45mil 150~160lm/w)		
	Viewing angle	120°		
	Color temp.	2500k ~6500k (warm white, pure white or cool white)		
Solar panel	Max power	36V/130W		
	Type & life time	Imported american sunpower brand high efficiency mono solar cell, 85% output-power in 25 years		
LiFePo4 battery	Capacity	25.6V/26Ah	25.6V/27Ah	25.6V/30Ah
	Life time	>6 years		
Controller	Smart Power	Changable lighting by battery power status		
Charging	by sun	6~10 hours		
Lighting time	Adjustable	10~12 hours/day, 3~5 continuous rainy days		
Work temp.	range(°c)	-30°c~+75°c		
Pole Height	range(m)	6~10m		
Pole Space	range(m)	20~25m		
Material	Aluminum alloy + tempered glass (IP65)			
Certificate	CE / RoHS / IEC60598			
Packing & Weight	Product Size	1595x450x430mm		
	Product weight	31kg	32kgs	33kg
	Carton size(mm)	lamp: 1640x490x120 bracket: 690x270x410		
	Q'TY/CTN	1set		
	G.W./CTN	33kgs	34kgs	25kg



All In One Solar Garden Light



Description

LED lamp	Max power	9V15W
	lumen(lm)	1650~1800lm
	Life time	>100,000 hours (USA Bridgelux LED Chip 45x45mil 150~160lm/w)
	Viewing angle	120°
	Color temp.	2500k ~6500k (warm white, pure white or cool white)
Solar panel	Max power	18V/25W
	Type & life time	Imported american sunpower brand high efficiency mono solar cell, 85% output-power in 25 years
LiFePo4 battery	Capacity	12V/10Ah
	Life time	>5 years
Controller	12V15A	Lighting time controlled by sun
Charging	by sun	6~10 hours
Lighting time	Adjustable	10~12 hours/day, 3~5 continuous rainy days
Work temp.	range(°c)	-30°c~+75°c
Pole Height	range(m)	3~4m
Pole Space	range(m)	6~8m
Material		Aiuminum alloy (IP65)
Certificate		CE / RoHS / IEC60598
Packing & Weight	Product Size	Diameter 510mm,height 230mm
	Product weight	8.2kg
	Carton size(mm)	570x570x280mm(lamp + accessories)
	Q'TY/CTN	1set
	G.W./CTN	10kgs
Container	20GP: 330sets	40GP: 638sets



All In One Solar Garden Light

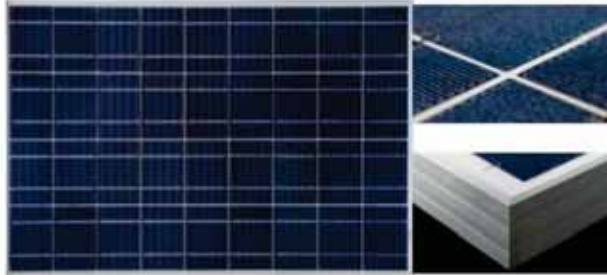
Model: SM-AP1 (Apple lamp)

solar panel	10W, lifespan 25 years
lamp	5W*LED waterproof and defends foreign matter, lifespan 50000 hours
battery	3V/15AH lithium-iron ferrous phosphate battery, lifespan 10 lifespan
warranty	3 years
lighting time:	8-12h/night, 1-3 days backup



Main Parts

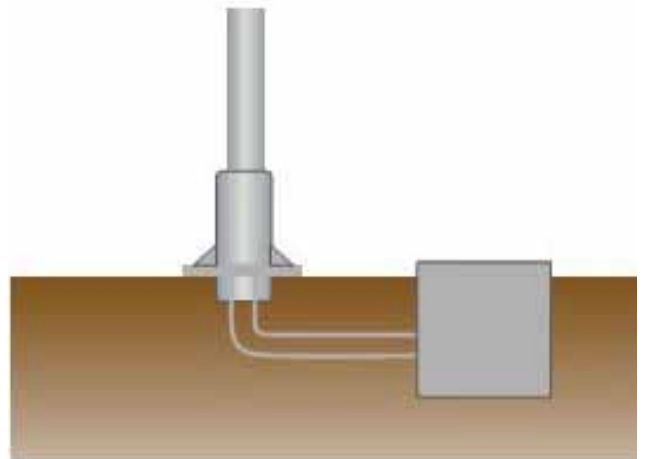
Solar Panel ▶

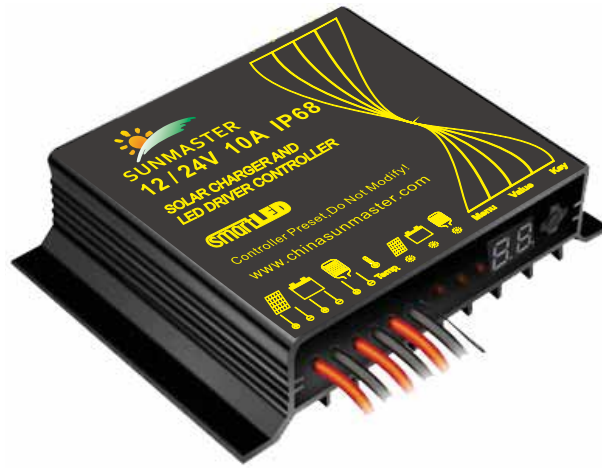


◀ High power LED lighting



Batteries ▶





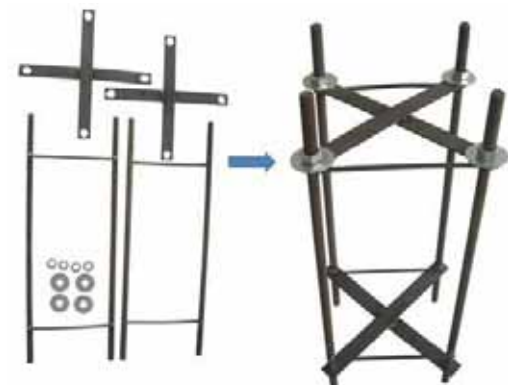
SunMaster pole



Other bad quality pole . after 1 year...

▲ Pole and solar panel support

▼ Foundation kits

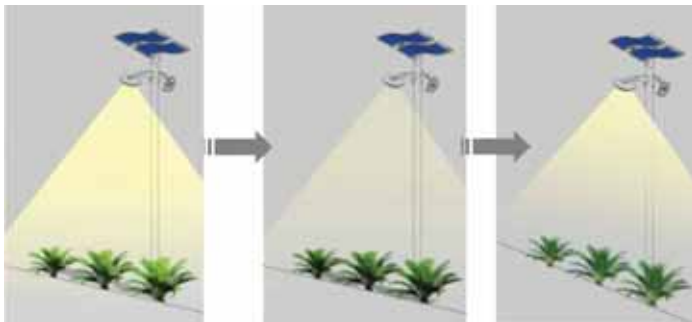


Street light intelligent control

Taken Lighting Pollution into serious consideration, all our street lights are centralized to an intelligent system and adopted with a remote control to adjust different time intervals with different brightnesses according to actual needs.



TO ADJUST LUMINOSITY



Intelligent control system controlled by remote to adjust the luminosity. The remote control setting lamp running state is associated with the site condition.

Street light monitoring control

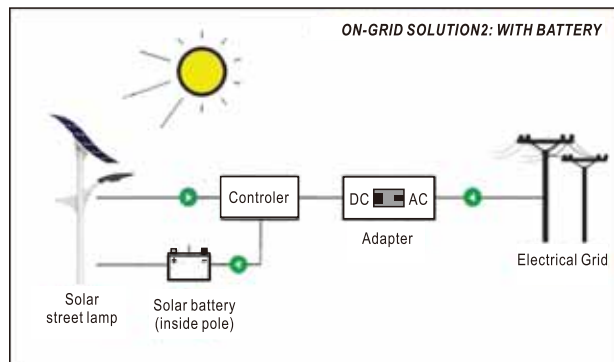
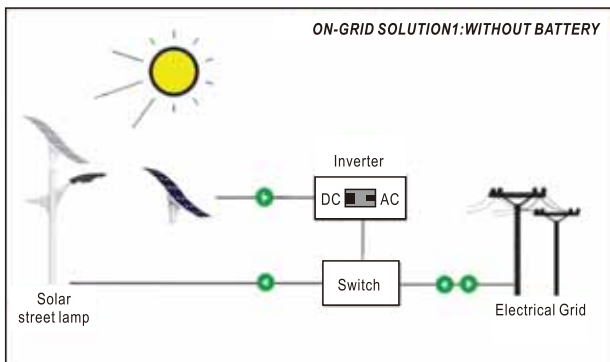
OPTIONAL

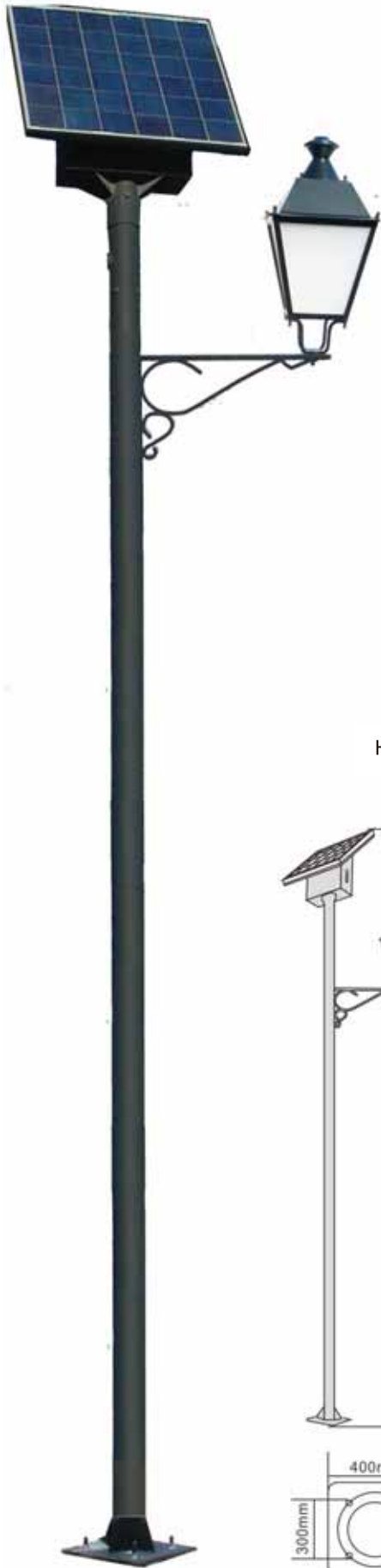


Visiting server by computer or mobile phone (cost fees from mobile operator not included) - sending orders to intelligent controller through internet or GPRS network - Intelligent control receives the orders and send to controlled light by wireless signal - getting the status of controlled light.

Street light on-grid connection optional

To reduce the electrical consumption of lighted & existing urban area, all our Solar Street Light have been elaborated for being adaptable with any On-grid Urban Lighting System.

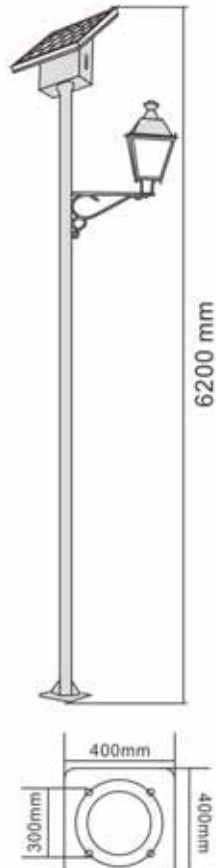


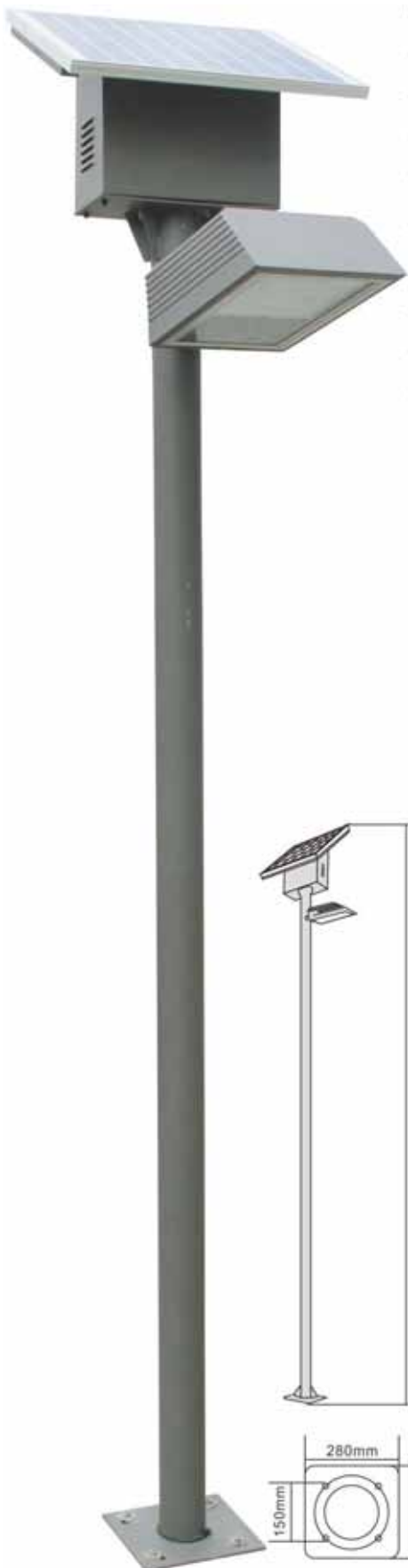


Height	6.2m
Solar Panel	120Wp
Battery	12V / 150Ah
Light	36W LED
Control mode	time / light control half power control
Luminous	150 to 160lm / W
Color temp	4000~6500K
Working temp	-25°C to +60°C
IP Class	IP65
Install distance	20 to 25m

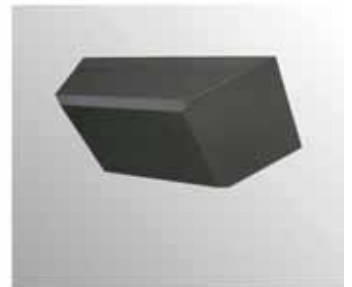
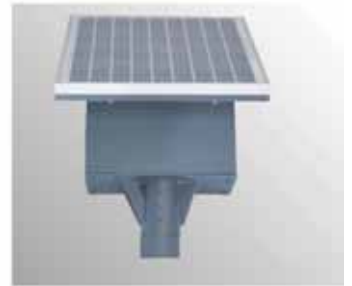


Height





Height	3.8m / 4.3m
Solar Panel	60Wp
Battery	12V / 65Ah
Light	16W / 20W LED
Control mode	time / light control half power control
Luminous	150 to 160Lm / W
Color temp	4000~6500K
Working temp	-40°C to +80°C
IP Class	IP65
Install distance	15m to 20m



Solar Home Lighting System



Solar panel: 6W5V
 LED lamp: 2W*3pc
 Battery 3.7V8800mAh, Li
 Cable 3.5m
 USB mobile phone charger



Solar panel: 3W6V
 LED lamp: 2W
 Battery 4000mAh, Li
 Cable 5m



Solar panel: 1.4W6V
 LED lamp: 0.5W*6pc
 Battery 4V2.5Ah



Solar panel: 5.5V
 LED lamp: 0.5W*1pc
 Battery 3.2V600mAh, LFP
 USB mobile phone charger



Solar panel: 0.3W
 LED lamp: 0.5W
 Battery 450mAh



Solar panel: 2.5W5V
 LED lamp: 1W*1pc
 Battery 3.7V2600mAh, Li
 Cable 3.5m
 USB mobile phone charger



Solar panel: 0.55W
 LED lamp: 1W(16pc LED)
 Battery 3.7V1000mAh, Li
 PIR



Solar panel: 1W6V
 LED lamp: 0.1W*20pc
 Battery 4V900mAh
 Cable 3.5m
 USB mobile phone charger



Solar panel: 0.3W
 LED lamp: 0.5W*4pc
 Battery 1.2V1000mAh
 Ni-Mh

Solar Lawn Light



Material :Aluminum
Solar panel: 3W
LED: 2W (Epistar)
Battery:6V/4.5AH
Height:45cm



Material :Aluminum
Solar panel: 3W
LED: 2W(Epistar)
Battery:6V/4.5AH
Height: 70cm



Material :Aluminum
Solar panel: 3W
LED: 2W(Epistar)
Battery:6V/4.5AH
Height: 70cm



Material :Aluminum
Solar panel: 5W
LED: 3W (Epistar)
Battery:6V/4.5AH
Height:75cm



Material :Aluminum
Solar panel: 3W
LED: 2W(Epistar)
Battery:6V/4.5AH
Height: 80cm



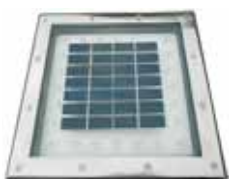
Material :Aluminum
Solar panel: 3W
LED: 2W(Epistar)
Battery:6V/4.5AH
Height: 80cm



Material :Aluminum
Solar panel: 3W
LED: 2W(Epistar)
Battery:6V/4.5AH
Height: 80cm



Lamp house dia. 250mm
Solar panel: 1W
LED: 0.5W(Epistar)
Battery:3.6V / 2300mAh
Height: 60cm



Material:Steel+aluminum
Solar panel:2W
LED: 24*0.06W(Epistar)
Battery: 2.3.6V 2300mAh



Material:Steel+aluminum
solar panel :0.5W / 1.2W / 2W
LED: 6 or 12 or 24pcs*0.06W
Battery: 3.6V or (2x3.6V)/ 2300mAh
Ø:15cm / 20cm / 30cm