



SOLAR LED STREET LIGHT

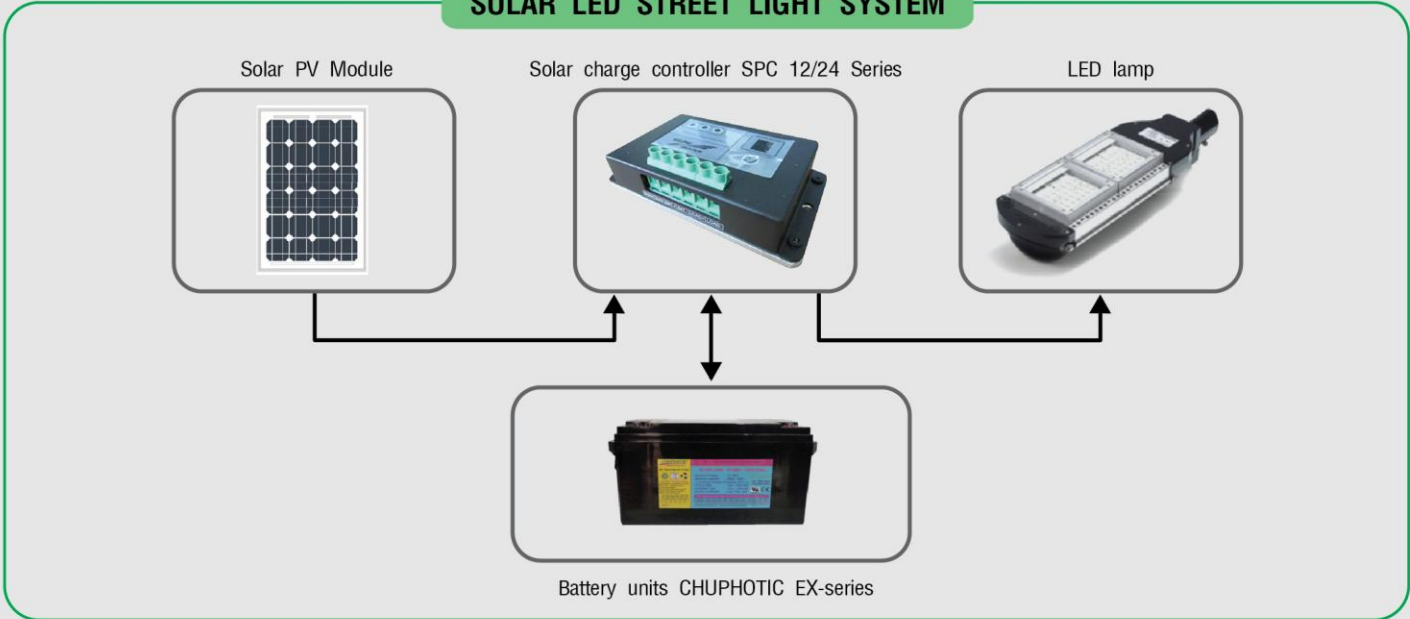
Features system:

- Battery&Solar charge controller cabinet
- LED lamp, Solar panel, Solar charge controller,Battery and Lamp post
- Bracket for LED lamp and solar panel
- Included accessories as cable, fastening, etc
- ISO9001, ISO14001, TUV and OHSAS18001 manufacturer certified.

Features Lamp:

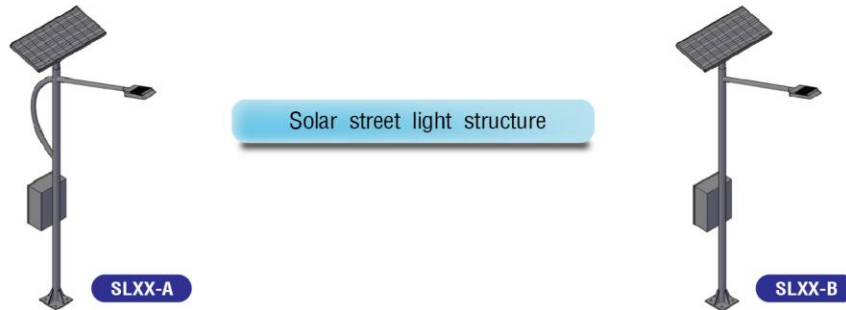
- High luminious efficiency LED
- Low heat generated
- High reliability chip
- Long life more than 40,000 hrs.
- No UV irradiated
- IP rating IP65

SOLAR LED STREET LIGHT SYSTEM



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EXTRA LIGHT LED LAMP



SPECIFICATION

Model		SL15	SL20	SL25
SOLAR PV PANEL	PV power	80 Wp	100 Wp	130 Wp
	Input voltage	12 V		
SOLAR CHARGE CONTROLLER WITH DC LOAD TIMER		SOLARCON SPC12/24-20A		
CONTROL CABINET		On the top, On the roof of pole(option)		
POLE	Pole detail	Material: BS7668/JIS G3101 SS400 Welding(electronic arc welding): BS EN 1011 Galvanizing: BS EN ISO 1461/ASTM A123		
	High (metre)	4/ 5/ 6		
BATTERY	Type	Sealed lead acid maintenance free(VRLA), Deep cycle lead acid(LA)(option)		
	Capacity	12V55Ah	12V75Ah	12V90Ah
OPERATE	Work (hours)	12 hours		
	Stand by (days)	3 days		
LED LAMP WITH DRIVER	Power consumption	15 W	20 W	25 W
	Input voltage	12 Vdc		
	Input voltage range	10-14 Vdc		
	Initial luminous flux	1,350 lm	2,000 lm	3,000 lm
	Light source	CREE LED		
	Color temperature	5000K(daylight), 7000K(pure cool white)		
	System luminous eff.	At least 80 lm/W		
	Beam light angle	120° x 60°		
	Power efficiency	>90%		
	Power factor	>0.95		
	Color rendering index	Ra>70		
	THDi	Max 10%		
	Life time	>40,000 hours		
	Luminous at 6M pole	>15 lux		
Structure	Aluminum alloy cover/ Waterproof/ Self-cooling			
IP rating	IP65			
Temperature	0-40 °C			
Humidity	0 - 90%(non condensing)			
Dimension(mm)	495x215x70			
SYSTEM TEMPERATURE		-40 °C -70 °C		
SYSTEM HUMIDITY		0-95% (non condensing)		

*Continuous products development is our commitment. In that manner, the above specifications may be changed without prior notice.

Chuphotic.BRO.SOLAR SL.11 Rev1.00/2013

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