

FREE COMBINATION SERIES LED SOLAR STREET LIGHT

INTRODUCTION

- This series of solar street lights consists of 50W and 100W solar panel & battery pack modules, LED fixtures, and installation accessories. Featuring a flexible design approach, they can be freely combined into solar floodlights, solar street light, solar area lights, solar post top lights, and more to suit various application scenarios. Products in this series have obtained UL certification, with comprehensive functionalities including automatic cooling, motion sensing, and timer control integrated as standard features.

APPLICATIONS

- Roads, Parks, Landscaping, Parking, etc

FEATURES

- High brightness output: 190LM/W.
- Solar panel with up to 22% conversion efficiency, key materials with UL certification.
- Built in MPPT controller with motion sensor.
- Remote control with multiple energy-saving modes.
- Adjustable solar panel angle allows maximum solar energy collection.
- Auto-heating function and Auto-cooling function.
- Low-temperature batteries withstand temperatures as low as -20°C(-4°F)(Optional).
- Hybrid system (Optional).
- IOT(Optional).



STQ50W



STQ100W

The STQ module consists of solar panels, battery pack and MPPT controller.



STQ50W-STD
STQ140W-STD



STQ50W-STP
STQ100W-STP



STQ50W-FLY-S
STQ100W-FLY-S



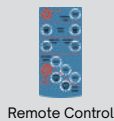
STQ50W-FLY-D
STQ100W-FLY-D



STQ50W-GLG-S
STQ100W-GLG-S



STQ50W-GLG-D
STQ100W-GLG-D



Only for 100W

FREE COMBINATION SERIES
LED SOLAR STREET LIGHT

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50W SOLAR MODULE

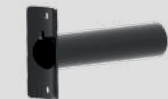


100W SOLAR MODULE



MOUNTING ACCESSORIES

FLOOD/STREET/SHOE BOX LIGHT



STRAIGHT ARM



ADAPTOR

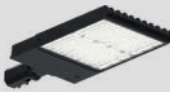
POLE



STD



STP



FLY

MOUNTING ACCESSORIES



POLE



GLG LIGHT



STQ50W-FLY-S
STQ100W-FLY-S



STQ50W-STD
STQ140W-STD



STQ50W-FLY-D
STQ100W-FLY-D



STQ50W-STP
STQ100W-STP



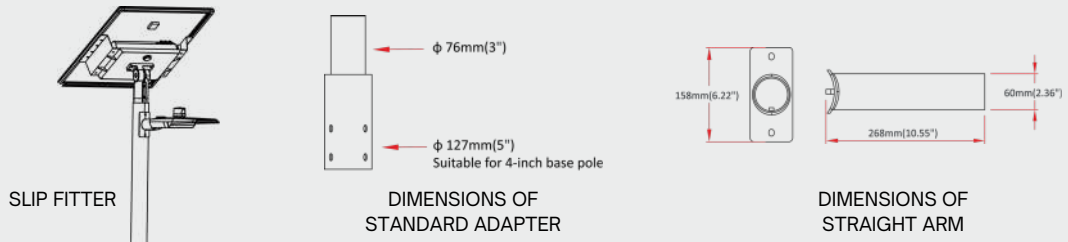
STQ50W-GLG-S
STQ100W-GLG-S



STQ50W-GLG-D
STQ100W-GLG-D

LED SOLAR STREET LIGHT

MOUNTING



PARAMETER

- Color Temperature: 3000K / 4000K / 5000K / 5700K
- Optic Type: Type III
- Efficiency@5000K : 190LM/W
- Housing Material : Galvanized Steel
- Operating Temperature: -20°C(-4°F) to 50°C(122°F)
- Charging Time: 4 to 10Hrs
- Auto-heating function (optional): Heating starts when the battery temperature reaches 0°C (32°F) and stops at 6.5°C (43.7°F) (only during charging).
- Auto-cooling function: Cooling starts when the battery temperature reaches 50°C (122°F) and stops at 40°C (104°F).

SOLAR MODULE SERIES	LIGHT POWER	LUMEN	EPA	BATTERY CAPACITY	SOLAR PANEL POWER	DIMENSIONS	MASTER CARTON SOLAR/BATTERY INSTALLATION/LIGHT	GROSS WEIGHT
STQ50W	50W	9500Lm	8.0 FT ²	665Wh	115W	1014*683*395mm 40*27*15.5 inch	771*117*1106mm 745*412*166mm 283*173*93mm 821*345*113mm	33.6KGS
STQ100W	100W 140W	19000Lm 26600Lm	12.3 FT ²	998.4Wh 1670.4Wh	200W	1213*892*452mm 48*35*17.8 inch	981*117*1307mm 950*482*220mm 283*173*93mm 821*345*113mm	56KGS

ORDERING INFORMATION

SKU NUMBER	WATTAGE	LIGHT HEAD	COLOR TEMPERATURE (X)	MOUNTING OPTIONS (YY)	FINISH (ZZ)
STQ50W-STD-X-YY-ZZ					
STQ50W-STP-X-YY-ZZ					
STQ50W-FLY-S-X-YY-ZZ					
STQ50W-FLY-D-X-YY-ZZ					
STQ50W-GLG-S-X-YY-ZZ	50=50W	N/A=SINGLE	3=3000K	SF=SLIP FITTER	GY=GRAY
STQ50W-GLG-D-X-YY-ZZ	100=50W	S=SINGLE	4=4000K	BA=BELL ARM	BR=BRONZE
STQ140W-STD-X-YY-ZZ	140=50W	D=DOUBLE	5=5000K	SA=STRAIGHT ARE	BK=BLACK
STQ100W-STP-X-YY-ZZ			6=5700K		
STQ100W-FLY-S-X-YY-ZZ					
STQ100W-FLY-D-X-YY-ZZ					
STQ100W-GLG-S-X-YY-ZZ					
STQ100W-GLG-D-X-YY-ZZ					