SINOLTECH ENERGY LIMITED
SHANDONG SINOLTECH INTERNATIONAL CO., LTD

SINOLTECH

INTEGRITY . HIGH BRIGHTNESS . EASY-INSTALL

STANDARD ALL-IN-ONE SOLAR LIGHT SERIES
5 Years Product Warranty

MODEL SELECTION:
- SNSTY-2100
- SNSTY-2120

SINOLTECH SERVICE:
- OEM and ODM service
- Dialux report
- Instruction(or video) if you don't know how to install
- If not work, exchange spare part or new product, free of charge under warranty 5 years
- APP, cellular phone programming function (for 18W-120W SNSTY Series)

sinol version 4.0.apk

A: A1-3-712, EAST 8 ENTERPRISE MANSION, DESIGN & CREATIVE INDUSTRIAL AREA, JINAN, CHINA.
POST CODE: 250100 | P: +86 153 1880 7707 | E: susan@sinoltech.com | W: www.sinoltech.com Skype: SINOLTECH

1

ALL IN ONE SOLAR STREET LIGHT
STANDARD MODELS: 100W, 120W

100W   SNSTY-2100 with APP

LED TECHNICAL DATA	
Item	Description
LED Rated Power(W)	100W
LED Brand	Bridgelux 45
LED NO.(pcs)	102
Lamp Lumens(LM)	10000~11000LM
Output Voltage	DC 12V
Input Voltage	DC 18V
Waterproof Degree	IP65
CRI	78
Suitable for pole diameter	90 mm
LED beads Irritation angle	120 degree
Illumination efficiency	>0.95
CCT	3000~6000
LED life time	50000 hrs
Working Temperature	-30°C~+60°C
Working Humidity	15~90%RH

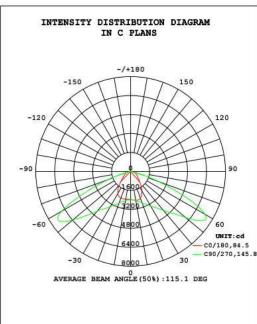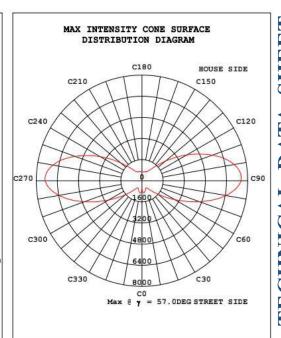| SOLAR LIGHT TECHNICAL DATA	
Item	Description
Main Material	Aluminum Alloy+Solar PV
Solar Panel Power(W)	130W
Solar Cell Brand	SOLARWORLD GERMANY
Battery Capacity	Lithium 80 AH
Lamp Lumens(LM)	10000~11000LM
Mounting Height	9-11 m
Mounting Distance	35~40m for one-way road, 70-80m for two-way road, intercross distance
Working Method	Timer control, APP

Packing Detail:
Product size:
1570*460*45mm
Product Weight: 22 KG
Pack size:
1650*530*120mm
Pack Volume: 0.10CBM
Gross Weight: 26KG

INTENSITY DISTRIBUTION DIAGRAM IN C PLANS

UNIT:cd
— C0/180,84.5
— C90/270,145.8
AVERAGE BEAM ANGLE(50%):115.1 DEG

MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM

HOUSE SIDE
Max @ γ = 57.0DEG STREET SIDE

TECHNICAL DATA SHEET

ALL IN ONE SOLAR STREET LIGHT
STANDARD MODELS: 100W, 120W

120 W   **SNSTY-2120 with APP**

LED TECHNICAL DATA

Item	Description
LED Rated Power(W)	120W
LED Brand	Bridgelux 45
LED NO.(pcs)	120
Lamp Lumens(LM)	12000~13000LM
Output Voltage	DC 12V
Input Voltage	DC 18V
Waterproof Degree	IP65
CRI	78
Suitable for pole diameter	90 mm
LED beads Irritation angle	120 degree
Illumination efficiency	>0.95
CCT	3000~6000
LED life time	50000 hrs
Working Temperature	-30°C~+60°C
Working Humidity	15~90%RH

SOLAR LIGHT TECHNICAL DATA

Item	Description
Main Material	Aluminum Alloy+Solar PV
Solar Panel Power(W)	150W
Solar Cell Brand	SOLARWORLD GERMANY
Battery Capacity	Lithium 88 AH
Lamp Lumens(LM)	12000~13000LM
Mounting Height	9-12 m
Mounting Distance	35~40m for one-way road, 70~80m for two-way road, intercross distance
Working Method	Timer control, APP

Packing Detail:

Product size/Weight:
1670*460*45mm/23KG
Pack size/Volume:
1750*530*120mm
0.12CBM

Gross Weight: 27KG

INTENSITY DISTRIBUTION DIAGRAM IN C PLANS

UNIT:cd
C0/180,139.3
C90/270,81.1

AVERAGE BEAM ANGLE (50%):110.2 DEG

MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM

HOUSE SIDE

Max @ γ = 55.0DEG STREET SIDE

TECHNICAL DATA SHEET