

## SolartrixE 1200-400 series

TUV Certificate No. PV 50658808 0001

TUV ID:1111290917

MADE IN CHINA

## Electrical Characteristics

Module Type	SolartrixE 1200-400-60	SolartrixE 1200-400-65
Maximum Power-Pmax (W)	60	65
Maximum Power Voltage-Vmp (V)	9.87	9.97
Module efficiency	12.5%	13.54%
Maximum Power Current-Imp (A)	6.08	6.52
Open Circuit Voltage-Voc (V)	12.96±4%	13.17±4%
Short Circuit Current-Isc (A)	6.93±5%	7.04±5%
Power Tolerance (W)	±3W	±3.25W
Maximum System Voltage (V <sub>DC</sub> )		1000
Maximum Series Fuse Rating (A)		10
Operating Temperature (°C)		-40~+85
Pmax Temperature Coefficient (%/°C)		-0.43
Voc Temperature Coefficient (%/°C)		-0.30
Isc Temperature Coefficient (%/°C)		0.05

STC:Irradiance1000W/m<sup>2</sup>module temperature25°CAM=1.5,Power measurement tolerance:+/-5%

## Mechanical Specifications

External Dimension	1200*400*6mm
Weight	6.6Kg
Solar Cell	Mono91x182mm (18pcs)
Glass to Glass	2.5mm tempered glass, low iron
Junction Box	IP67
Output Cable	4.0mm <sup>2</sup> ,cablelength:350-900mm
Connector model & Brand	05-6, 05-8 Brand: Renhe
Maximum Snow Load	5400Pa
Maximum Wind Load	2400Pa
Hail Resistance	Max. Ø28mm,at 23m/s
Fire class rating	Class C

## POWER WARRANTY

**25Years** 80.2%Power Output Warranty**10Years** Material & Workmanship Warranty

PV Modules require Nulok Roofing system for installation.

Brand: Solglass

Company name: Nanjing Solglass Science &amp; Technology Co., Ltd.

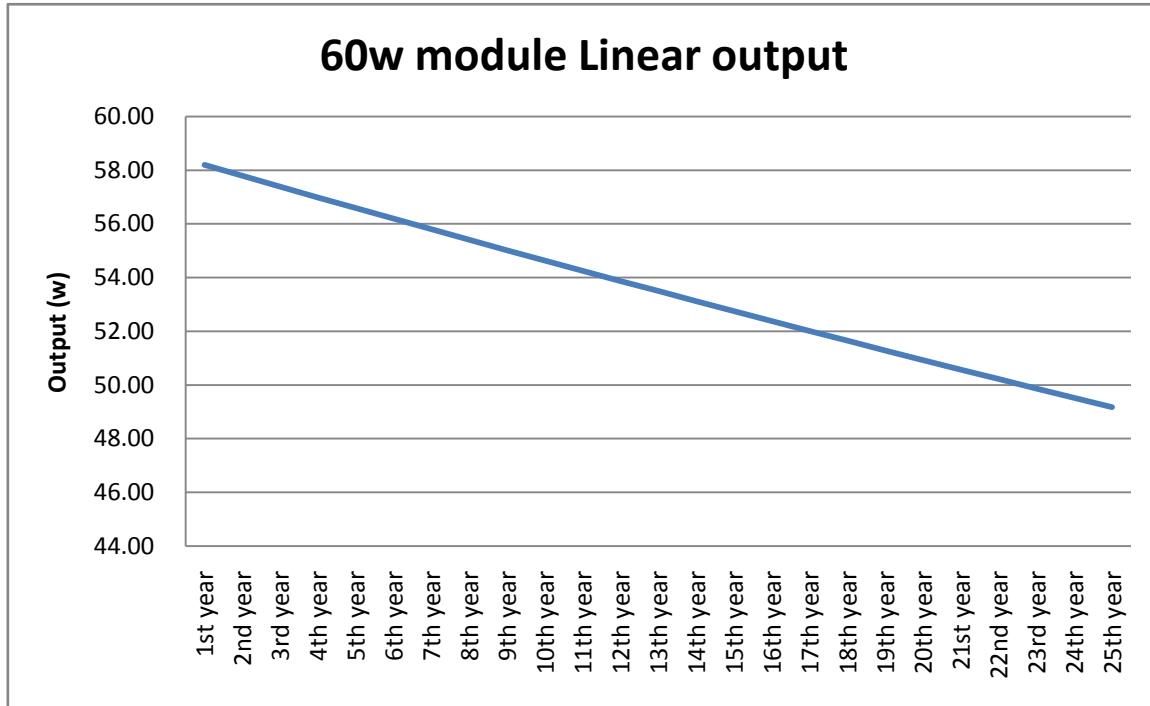
Address:No.28 East Tuanshan Road, Lishui Development Zone, Nanjing, 211200, Jiangsu, P.R.China.

Manufacturer: JIANGSU SHINEDAY SOLAR CO., LTD.

ADDRESS: #26, ELECTRONIC INDUSTRIAL PARK  
WEST SECTION, NORTH SIDE OF HANGZHOU  
ROAD,SIHONG COUNTY ECONOMIC  
DEVELOPMENT ZONE,SUQIAN CITY, JIANGSU  
PROVINCE, CHINA

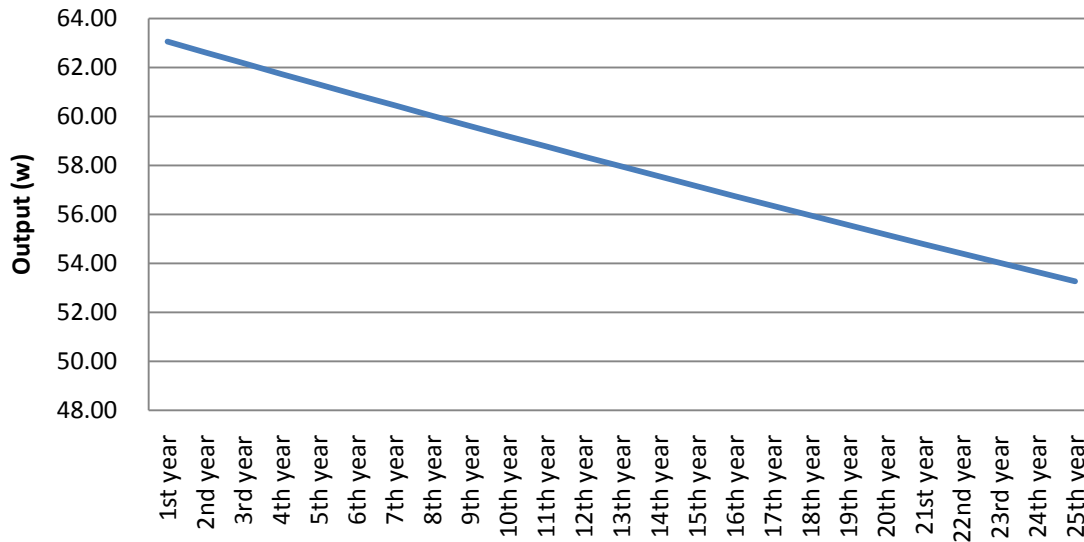
## Module Output Linear Degradation Graph

Calculation: 1st year output is not less than nominal output\*97% and the degradation is within 0.7% every year thereafter.



<b>Year</b>	<b>1st year</b>	<b>2nd year</b>	<b>3rd year</b>	<b>4th year</b>	<b>5th year</b>	<b>6th year</b>	<b>7th year</b>	<b>8th year</b>	<b>9th year</b>	<b>10th year</b>	<b>11th year</b>	<b>12th year</b>	<b>13th year</b>
<b>Output (W)</b>	58.20	57.79	57.39	56.99	56.59	56.19	55.80	55.41	55.02	54.63	54.25	53.87	53.50
<b>Year</b>	<b>14th year</b>	<b>15th year</b>	<b>16th year</b>	<b>17th year</b>	<b>18th year</b>	<b>19th year</b>	<b>20th year</b>	<b>21st year</b>	<b>22nd year</b>	<b>23rd year</b>	<b>24th year</b>	<b>25th year</b>	
<b>Output (W)</b>	53.12	52.75	52.38	52.01	51.65	51.29	50.93	50.57	50.22	49.87	49.52	49.17	

## 65w module Linear output



Year	1st year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year	9th year	10th year	11th year	12th year	13th year
Output (W)	63.05	62.61	62.17	61.74	61.30	60.87	60.45	60.02	59.60	59.19	58.77	58.36	57.95
Year	14th year	15th year	16th year	17th year	18th year	19th year	20th year	21st year	22nd year	23rd year	24th year	25th year	
Output (W)	57.55	57.14	56.74	56.35	55.95	55.56	55.17	54.79	54.40	54.02	53.64	53.27	