

## Solartrix 1200-400 series

TUV certificate No. PV 50470138 0001

## Electrical Characteristics

| Module Type                                  | Solartrix 1200-400-55         | Solartrix 1200-400-60        |
|----------------------------------------------|-------------------------------|------------------------------|
| Maximum Power-Pmax (W)                       | 55 (Moduel efficiency 11.45%) | 60 (Moduel efficiency 12.5%) |
| Maximum Power Voltage-Vmp (V)                | 34.55                         | 34.00                        |
| Maximum Power Current-Imp (A)                | 1.60                          | 1.77                         |
| Open Circuit Voltage-Voc (V) (tolerance±4%)  | 41.11                         | 41.23                        |
| Short Circuit Current-Isc (A) (tolerance±5%) | 1.83                          | 1.87                         |
| Power Binning Tolerance (W)                  |                               | ±5                           |
| Maximum System Voltage (V <sub>DC</sub> )    |                               | 1000                         |
| Maximum Series Fuse Rating (A)               |                               | 3                            |
| Operating Temperature (°C)                   |                               | -40~+85                      |
| Pmax Temperature Coefficient (%/°C)          |                               | -0.43                        |
| Voc Temperature Coefficient (%/°C)           |                               | -0.30                        |
| Isc Temperature Coefficient (%/°C)           |                               | 0.05                         |

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25°C AM=1.5, Power measurement tolerance: +/-3%

## Mechanical Specifications

|                    |                                                   |
|--------------------|---------------------------------------------------|
| External Dimension | 1200*400*6 mm                                     |
| Weight             | 6.6Kg                                             |
| Solar Cell         | Mono 31.35x156.75 mm (63pcs)                      |
| Glass to Glass     | 2.5 mm tempered glass, low iron                   |
| Junction Box       | IP67                                              |
| Output Cable       | 4.0 mm <sup>2</sup> ,cable length:350-900 mm      |
| Connector          | Zhejiang zhonghuan sunter PV Technology, PV-ZH202 |
| Maximum Snow Load  | 5400 Pa or 550 Kg/mm <sup>2</sup>                 |
| Maximum Wind Load  | 2400 Pa or 244 Kg/mm <sup>2</sup>                 |
| Hail Resistance    | Max. Ø 28 mm,at 23 m/s                            |
| Fire class         | C                                                 |

## POWER WARRANTY

25 Years 80% Power Output Warranty  
 12 Years 90% Power Output Warranty  
 10 Years Material & Workmanship Warranty

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

Brand:Solglass

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

Manufacturer:Jiangyin EnergySaving Technology Co., Ltd.

Manufacturer address:NO.39 Dongxu Road, Shengang Town,  
214443 Jiangyin City, Jisngsu Province,P. R. China

Made in China

Note: The module is not suitable to be installed  
 with clamps, please refer to the manual for the  
 mounting method.

