

## ET MODULE

ET-M53930 30Wp

### EFFICIENCY

- Low voltage-temperature coefficient ensures high-temperature operation
- Exceptional low-light performance combined with high sensitivity to light enables excellent energy delivery

### MATERIALS

- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance
- Advanced EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- A sturdy, anodized aluminum frame allows modules to be easily roof-mounted with a variety of standard mounting systems
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells

### BENEFITS

- Manufactured in an ISO 9001:2000 certified plant
- High efficiency, high safety, high reliability
- Output power tolerance of +/-3%
- 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship



**ET SOLAR GROUP** [www.etsolar.com](http://www.etsolar.com)

#### ET Solar China

24F, A2 World Trade Center Mansion,  
67 Shanxi RD, Nanjing 210009, China  
Tel: +86 25 8689 8096 Fax: +86 25 8689 8097  
Email: [sales@etsolar.com](mailto:sales@etsolar.com)

#### ET Solar USA

4900 Hopyard Road, Suite 290,  
Pleasanton, CA 94588, USA  
Tel: +1 925 4609 898 Fax: +1 925 4609 929  
Email: [sales@etsolar.us](mailto:sales@etsolar.us)

#### ET Solar Europe

ET Solar GmbH, Munich City Tower,  
Landsbergerstr. 110 / 9 Fl. D-80339 Munich, Germany  
Tel: +49 89 309040 263 Fax: +49 89 309040 466  
Email: [sales@etsolar.de](mailto:sales@etsolar.de)  
(Italy Office) Tel: +39 392 2340606 Email: [sales@etsolar.it](mailto:sales@etsolar.it)

# ET Module

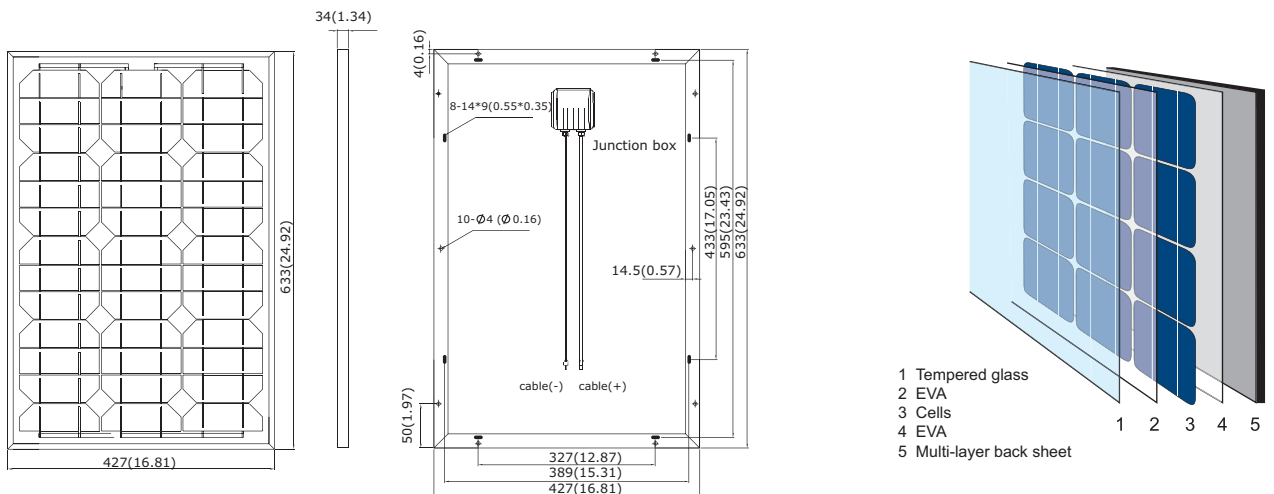
ET-M53930

## SPECIFICATIONS

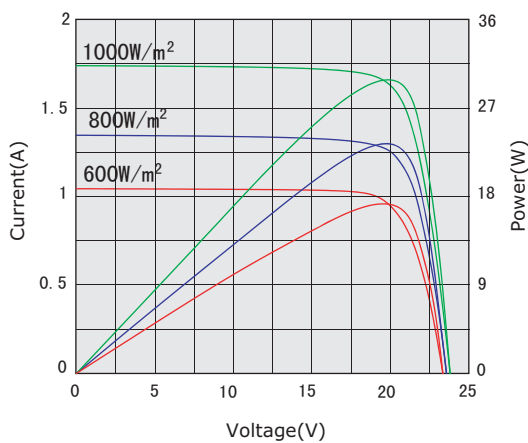
|                                   |                                  |
|-----------------------------------|----------------------------------|
| Model type                        | ET-M53930                        |
| Peak power(Pmax)                  | 30W                              |
| Weight                            | 3.5kg (7.7lbs)                   |
| Dimensions                        | 633×427×34mm (24.9×16.8×1.3inch) |
| Maximum power voltage (Vmp)       | 19.4V                            |
| Maximum power current (Imp)       | 1.55A                            |
| Open circuit voltage (Voc)        | 23.8V                            |
| Short circuit current (Isc)       | 1.74A                            |
| Maximum system voltage            | DC 1000V                         |
| Temp. Coeff. of Isc (TK Isc)      | 0.06 %/ °C                       |
| Temp. Coeff. of Voc (TK Voc)      | -0.397 %/°C                      |
| Temp. Coeff. of Pmax (TK Pmax)    | -0.549 %/°C                      |
| Normal Operating Cell Temperature | 44.4±2°C                         |

Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25 °C.

## PHYSICAL CHARACTERISTICS Unit:mm(inch)



Electrical Performance cell temperature: 25°C



Temperatur dependence of Isc, Voc and Pmax

