

ET Module

ET-M53620 20Wp

EFFICIENCY

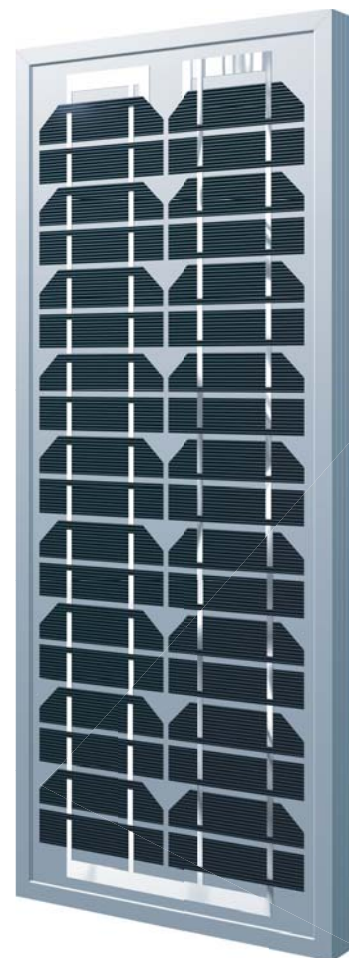
- Low voltage-temperature coefficient ensures high-temperature operation
- Exceptional low-light performance combined with high sensitivity to light enables excellent energy delivery

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



Available from: www.solar-wind.co.uk

ET SOLAR GROUP

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

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

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
(Italy Office) Tel: +39 392 2340606 Email: sales@etsolar.it

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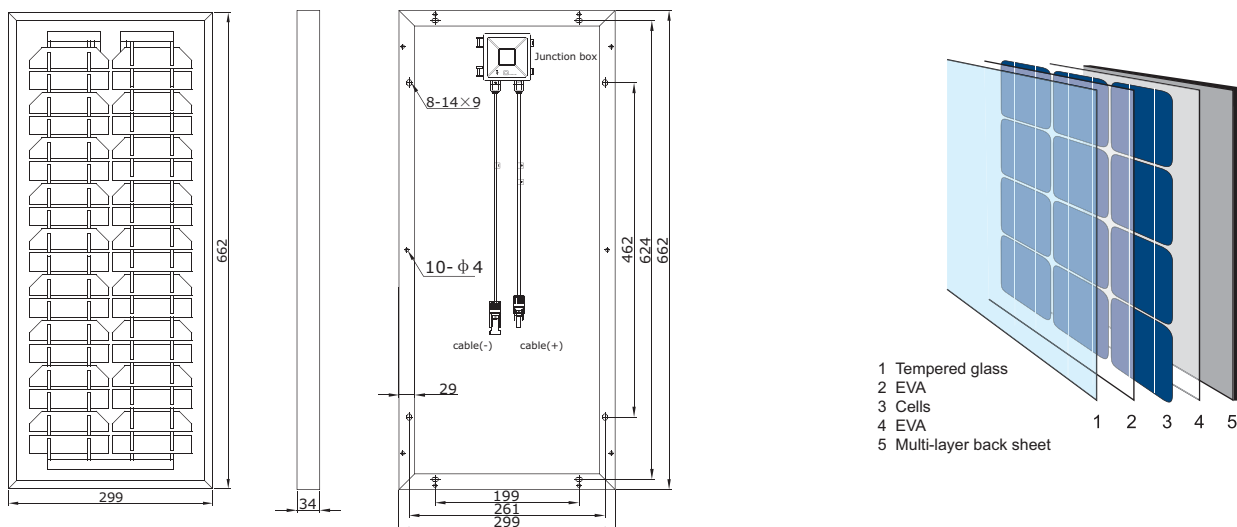
ET-M53620

SPECIFICATIONS

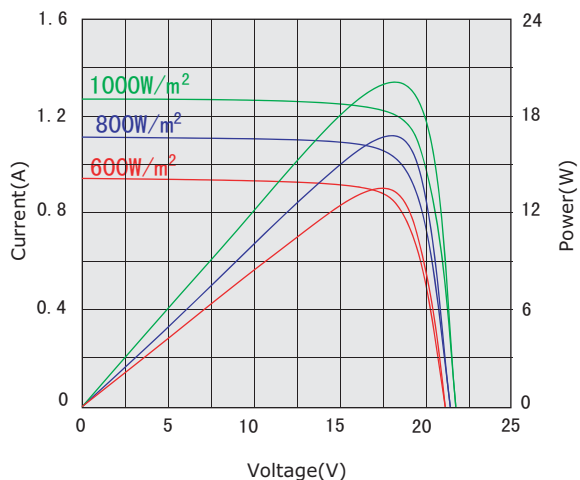
| | |
|-----------------------------------|-----------------------------------|
| Model type | ET-M53620 |
| Peak power(Pmax) | 20W |
| Weight | 2.7kg (6.0lbs) |
| Dimensions | 662×299×34mm 26.1×11.8×1.3inch |
| Maximum power voltage (Vmp) | 17.82V |
| Maximum power current (Imp) | 1.14A |
| Open circuit voltage (Voc) | 21.96V |
| Short circuit current (Isc) | 1.27A |
| 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/m² 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

