

## ET MODULE

ET-P654210	210Wp
ET-P654200	200Wp
ET-P654190	190Wp
ET-P654185	185Wp
ET-P654180	180Wp

### 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

Stefan-George-Ring 29, D-81929 Munich, Germany  
Tel: +49 89 309040 263 Fax: +49 89 309040 264  
Email: [sales@etsolar.de](mailto:sales@etsolar.de)  
(Italy Office) Tel: +39 392 2340606 Email: [sales@etsolar.it](mailto:sales@etsolar.it)

# ET Module

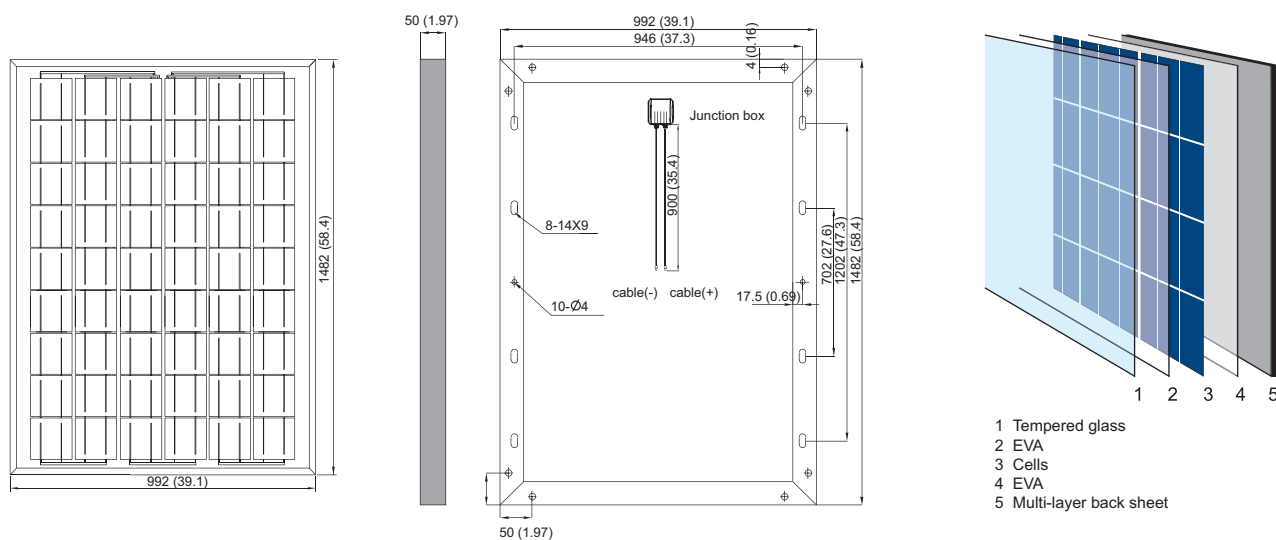
ET-P654210 ET-P654200 ET-P654190 ET-P654185 ET-P654180

## SPECIFICATIONS

Model type	ET-P654210	ET-P654200	ET-P654190	ET-P654185	ET-P654180
Peak power(Pmax)	210W	200W	190W	185W	180W
Cell type	PolyCrystalline Silicon, 156mm x 156mm				
Number of cells	54 cells in a series				
Weight	17.8 kg (17.8 lbs.)				
Dimensions	1482×992×50mm (58.3×39.1×2inch)				
Maximum power voltage (Vmp)	27.54V	27.21V	26.78V	26.45V	26.45V
Maximum power current (Imp)	7.63A	7.36A	7.10A	6.99A	6.81A
Open circuit voltage (Voc)	32.83V	32.72V	32.50V	32.35V	32.35V
Short circuit current (Isc)	8.50A	7.86A	7.72A	7.70A	7.60A
Maximum system voltage	DC 1000V				
Temp. Coeff. of Isc (TK Isc)	0.058 %/°C				
Temp. Coeff. of Voc (TK Voc)	-0.367 %/°C				
Temp. Coeff. of Pmax (TK Pmax)	-0.485 %/°C				
Normal Operating Cell Temperature	44.4±2 °C				

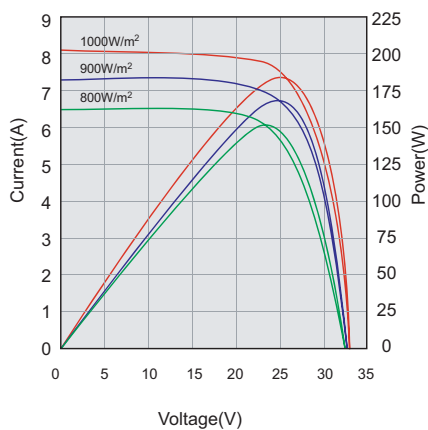
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25 °C.

## PHYSICAL CHARACTERISTICS Unit:mm(inch)

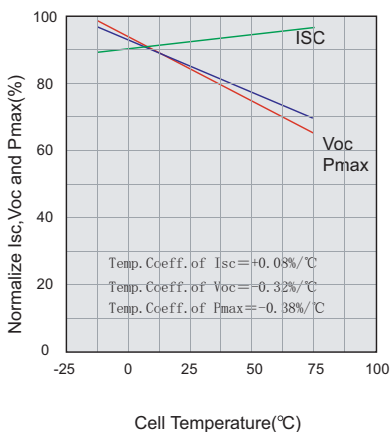


## ELECTRICAL CHARACTERISTICS

Electrical performance cell temperature:25°C



Temperature dependence of Isc, Voc and Pmax



Irradiance dependence of Isc, Voc and Pmax cell temperature:25°C

