ET Solar

Photovoltaics is our passion

ET Module

ET-M53650 50Wp
ET-M53655 55Wp

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 +/-5%
• 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship

CE

ET Module

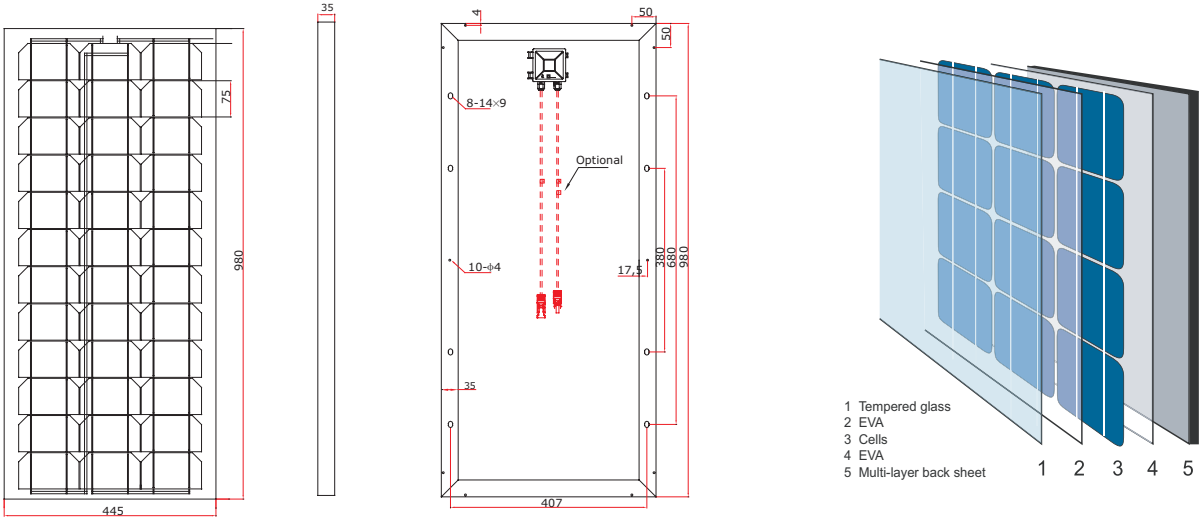
ET-M53650 ET-M53655

SPECIFICATIONS

Model type	ET-M53650	ET-M53655
Peak power(Pmax)	50W	55W
Weight	6.0kg (13.2lbs)	6.0kg (13.2lbs)
Dimensions	445×980×35mm 17.5×38.5×1.37inch	445×980×35mm 17.5×38.5×1.37inch
Maximum power voltage (Vmp)	18.22V	18.4V
Maximum power current (Imp)	2.75A	2.99A
Open circuit voltage (Voc)	21.96V	22.1V
Short circuit current (Isc)	3.04A	3.22A
Maximum system voltage	DC 1000V	DC 1000V
Temp. Coeff. of Isc (TK Isc)	0.06 %/ ℃	0.06 %/ ℃
Temp. Coeff. of Voc (TK Voc)	-0.397 %/℃	-0.397 %/℃
Temp. Coeff. of Pmax (TK Pmax)	-0.549 %/℃	-0.549 %/℃
Normal Operating Cell Temperature	44.4±2℃	44.4±2℃

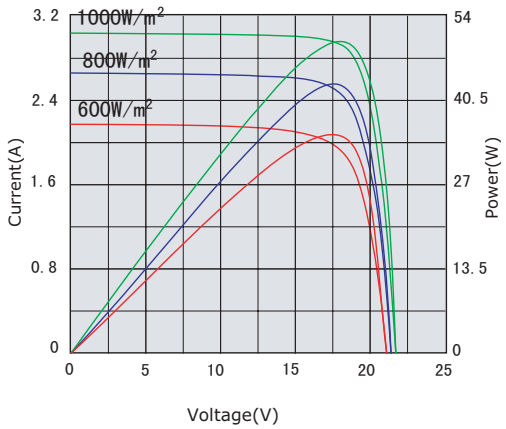
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m^{2}solar irradiance, 1.5 Air Mass, and cell temperature of 25℃.

PHYSICAL CHARACTERISTICS Unit:mm

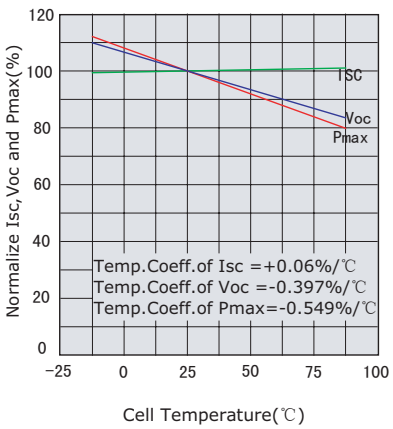


ELECTRICAL CHARACTERISTICS

Electrical performance
(cell temperature:25℃)



Temperature dependence of Isc,
Voc and Pmax



Please contact Support@etsolar.com for technical support