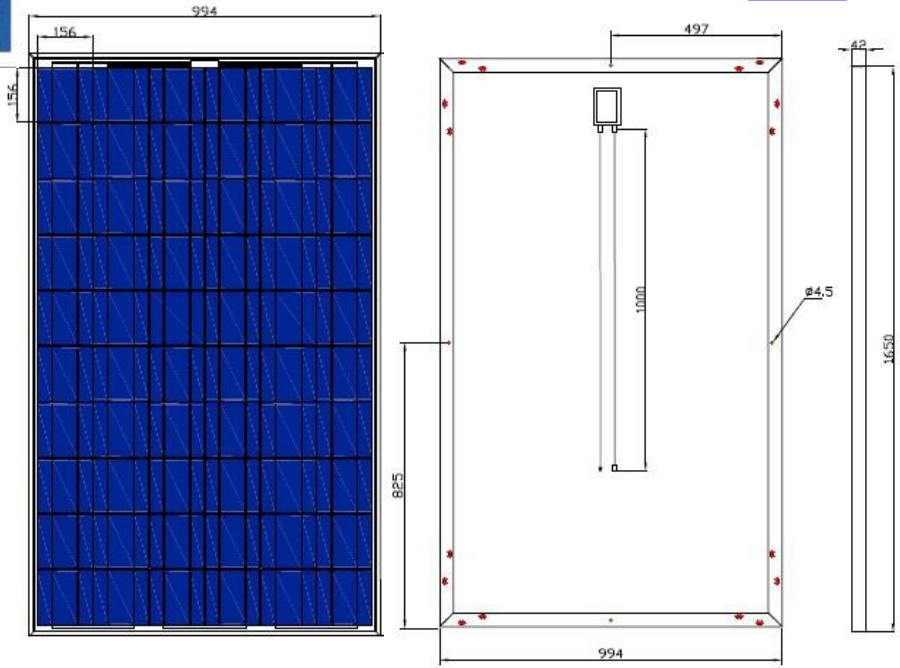
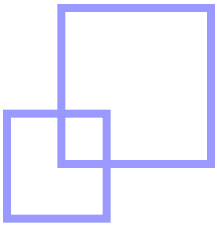




- High-performance solar modules certified by IEC 61215, IEC 61730-1, IEC61730-2 & UL 1703
- Fine-tuning production process and selective components to achieve highest power output
- High-efficiency solar cell technology supported by leading manufacturers
- Certified quality management [ISO 9001:2008] guarantees consistent quality of products
- Long term stability with 25-year limited warranty on power output



## Electrical Data

Under STC [Standard Test Conditions: 1,000W/m<sup>2</sup>, 25°C, AM 1.5]

Model		GTE 200M	GTE 205M	GTE 210M	GTE 215M	GTE 220M	GTE 225M	GTE 230M	GTE 235M	GTE 240M
Maximum Power [±3%]	P <sub>max</sub>	200 W	205 W	210 W	215 W	220 W	225 W	230 W	235 W	240 W
Rated Voltage	V <sub>mpp</sub>	28.17 V	28.27 V	28.27 V	28.50 V	28.79 V	29.13 V	29.16 V	29.29 V	29.29 V
Rated Current	I <sub>mpp</sub>	7.20 A	7.31 A	7.40 A	7.55 A	7.67 A	7.77 A	7.87 A	8.03 A	8.23 A
Open Circuit Voltage	V <sub>oc</sub>	36.20 V	36.25 V	36.25 V	36.43 V	36.72 V	37.08 V	37.32 V	37.50 V	37.70 V
Short Circuit Current	I <sub>sc</sub>	7.70 A	7.74 A	7.83 A	7.98 A	8.10 A	8.20 A	8.39 A	8.40 A	8.42 A

## Mechanical Specification

Dimensions [H x W x D]	1,650 x 994 x 42 mm
Weight	20 Kg
Solar Cells	6 x 10 in series, polycrystalline silicon 156 x156 mm
Cell Encapsulation	EVA [ethylene vinyl acetate]
Front Glass	Low-iron tempered glass, 3.2 mm
Back Side	Weatherproof film
Junction Box	IP65 Junction box with 3 bypass diodes
Cable	1,000 mm length, 4mm <sup>2</sup>
Frame	Anodized aluminum frame with drainage holes

## Temperature data

Temperature Coefficient of Power	T <sub>k</sub> P <sub>max</sub>	-0.54%/°C
Temperature Coefficient of Voltage	T <sub>k</sub> Voc	-0.37%/°C
Temperature Coefficient of Current	T <sub>k</sub> Isc	+0.04%/°C
NOCT		43.1 °C

## Operating Conditions

Temperature Range	-40°C to 85°C / -40°F to 136°F
Maximum System Voltage	1000V DC (IEC) / 600V DC (UL)
Maximum Surface Load	5,400 Pa / 550 Kg/m <sup>2</sup> / 112.8 lb/ft <sup>2</sup>

## Warranty

Performance	Output of 90% for 10 years and 80% for 25 years
Product	10 years

## Certifications

Approvals	IEC 61215 , IEC 61730-1 , IEC 61730-2 , UL 1703, JET
Quality Management System	ISO 9001: 2008