

# Green Triplex PM245P00

Multi-Crystalline  
Photovoltaic Module



240W  
260W

#### Power Range

240 ~ 260 Wp



#### Resistance to Salt Corrosion and Humidity

Module complies with IEC 61701: Salt Mist Corrosion Testing



#### Highly Strengthened Design

Module complies with advanced loading tests to meet 5400 Pa loading requirements



#### 3 Busbar Design

Enhance current transmission and module reliability



#### IP-67 Rated Junction Box

Advanced water and dust proof level

#### Optional



#### AC Photovoltaic

Integrated with a microinverter, the module has high and stable AC power output via panel level MPPT



BenQ  
Solar

# GreenTriplex PM245P00 (240 ~ 260 Wp)

## Electrical Data

Typ. Nominal Power $P_N$	240 W	245 W	250 W	255 W	260 W
Typ. Module Efficiency	14.9%	15.2%	15.5%	15.8%	16.1%
Typ. Nominal Voltage $V_{mp}$ (V)	29.7	29.9	30.1	30.3	30.5
Typ. Nominal Current $I_{mp}$ (A)	8.10	8.18	8.26	8.37	8.49
Typ. Open Circuit Voltage $V_{OC}$ (V)	37.4	37.6	37.8	38	38.2
Typ. Short Circuit Current $I_{SC}$ (A)	8.62	8.68	8.75	8.82	8.89
Maximum Tolerance of $P_N$	0 / +3%				

- Above data are the effective measurement at Standard Test Conditions (STC)
- STC: irradiance 1000 W/m<sup>2</sup>, spectral distribution AM 1.5, temperature 25 ± 2 °C, in accordance with EN 60904-3
- The given electrical data are nominal values which account for basic measurements and manufacturing tolerances of ±10%, with the exception of  $P_N$ . The classification is performed according to  $P_N$

## Temperature Coefficient

NOCT	46 ± 2 °C
Typ. Temperature Coefficient of $P_N$	-0.44 % / K
Typ. Temperature Coefficient of $V_{OC}$	-0.32 % / K
Temperature Coefficient of $I_{SC}$	0.04 % / K

- NOCT: Normal Operation Cell Temperature, measuring conditions: irradiance 800 W/m<sup>2</sup>, AM 1.5, air temperature 20 °C, wind speed 1 m/s

## Mechanical Characteristics

Dimensions (L x W x H)	1639 x 983 x 40 mm (64.53 x 38.70 x 1.57 in)
Weight	18.5 kg (40.79 lbs)
Front Glass	High transparent solar glass (tempered), 3.2 mm (0.13 in)
Cell	60 multicrystalline 3 busbar solar cells, 156 x 156 mm (6 x 6 in)
Back Sheet	Composite film
Frame	Anodized aluminum frame
Junction Box	IP-67 rated with 3 bypass diodes
Cables	1 x 4 mm <sup>2</sup> (0.04 x 0.16 inch <sup>2</sup> ), length: each 1.0 m (39.37 in)
Connector Type	MC4 compatible

## Operating Conditions

Operating Temperature	-40 ~ +85 °C
Ambient Temperature Range	-40 ~ +45 °C
Max. System Voltage IEC/UL	1000 V / 600 V
Serial Fuse Rating	15 A
Maximum Surface Load Capacity	Tested up to 5400 Pa according to IEC 61215 (advanced test)

## Warranties and Certifications

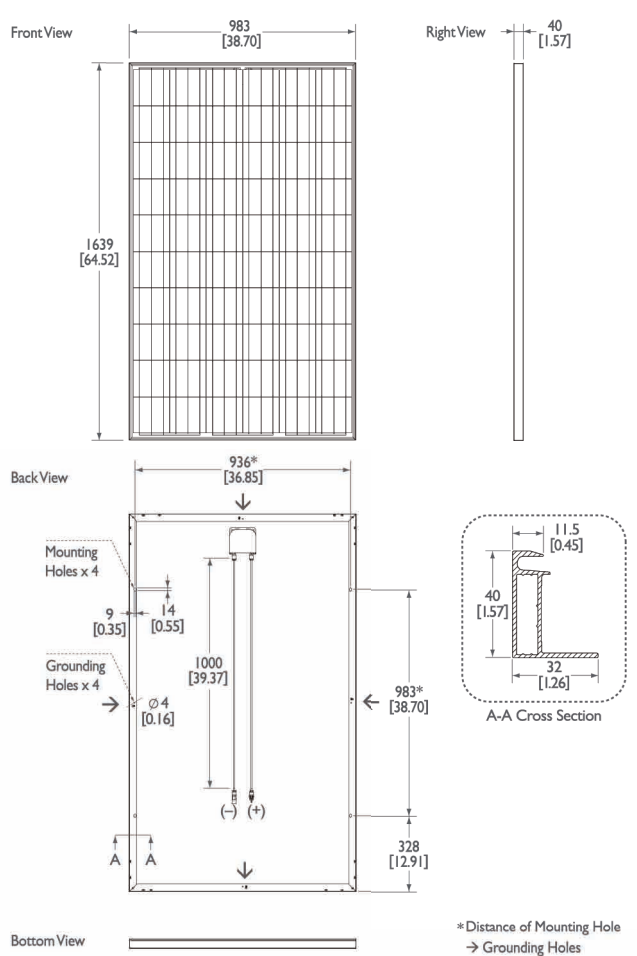
Product Warranty	10 years for material and workmanship
Performance Guarantee	Guaranteed output of 90% for 10 years and 80% for 25 years
Certifications	According to IEC 61215, IEC 61730 and UL 1703 guidelines *

- \* Please confirm other certifications with official dealers

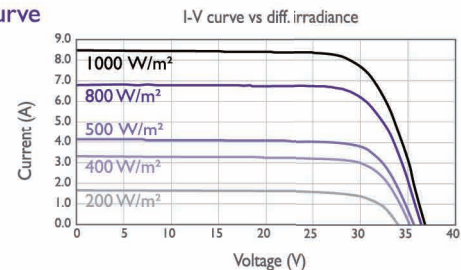
## Packing configuration

Container	20' GP	40' GP	40' HQ
Pieces per pallet	23	23	23
Pallets per container	6	13	26
Pieces per container	138	299	598

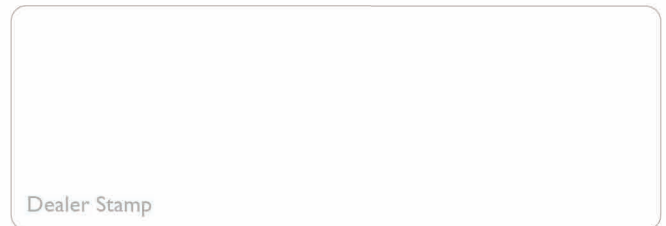
## Dimensions mm [inch]



## I-V Curve



Current/voltage characteristics with dependence on irradiance and module temperature.



\* All data subject to change without prior notice. Please consult our official dealers for more information.

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