

GreenTriplex PM245P0 I

Multi-Crystalline
Photovoltaic Module



245W
260W

Power Range
245 ~ 260 Wp



Highly Strengthened Design

Module complies with advanced loading tests to meet 2400 Pa loading requirements



IP-67 Rated Junction Box

Advanced water and dust proof level



Integrated Racking Solution

Simplifies installation process and reduces labor costs



BenQ
Solar

Green Triplex PM245P01 (245 ~ 260 W_p)

Electrical Data

Typ. Nominal Power P _N	245 W	250 W	255 W	260 W
Typ. Module Efficiency	15.2%	15.5%	15.8%	16.1%
Typ. Nominal Voltage V _{mp} (V)	30.3	30.6	30.8	31.2
Typ. Nominal Current I _{mp} (A)	8.09	8.17	8.28	8.34
Typ. Open Circuit Voltage V _{OC} (V)	37.2	37.4	37.6	37.7
Typ. Short Circuit Current I _{SC} (A)	8.64	8.69	8.76	8.83
Maximum Tolerance of P _N	0 / +3%			

- Above data are the effective measurement at Standard Test Conditions (STC)
- STC: irradiance 1000 W/m², 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 classifications is performed according to P_N

Temperature Coefficient

NOCT	46 ± 2 °C
Typ. Temperature Coefficient of P _N	-0.48 % / K
Typ. Temperature Coefficient of V _{OC}	-0.36 % / K
Temperature Coefficient of I _{SC}	0.05 % / K

- NOCT: Normal Operation Cell Temperature, measuring conditions: irradiance 800 W/m², 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	19.5kg (43 lbs)
Front Glass	High transparent solar glass (tempered), 3.2 mm (0.13 in)
Cell	60 multicrystalline solar cells, 156 x 156 mm (6" x 6")
Cell Encapsulation	EVA
Back Sheet	Composite film (White)
Frame	Anodized aluminum frame (Black)
Junction Box	IP-67 rated with 3 bypass diodes
Cables	1 x 4 mm ² (0.04 x 0.16 inch ²), length: each 1.2 m (47.24 in)
Connector Type	MC4 compatible

Operating Conditions

Operating Temperature	-40 ~ +85 °C
Ambient Temperature Range	-40 ~ +45 °C
Max. System Voltage UL	1000V
Serial Fuse Rating	15 A
Maximum Surface Load Capacity	Tested up to 2400 Pa according to UL 1703

Warranties and Certifications

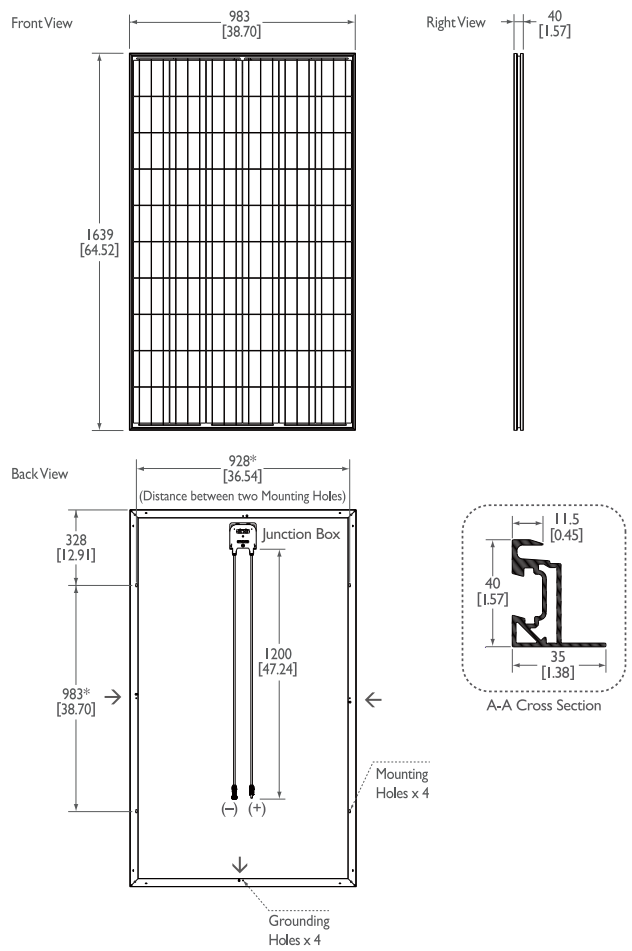
Product Warranty	Maximum 10 years for material and workmanship
Performance Guarantee	Guaranteed output of 90% for 10 years and 80% for 25 years
Certifications	According to UL 1703 guidelines *

- * Please confirm other certifications with official dealers

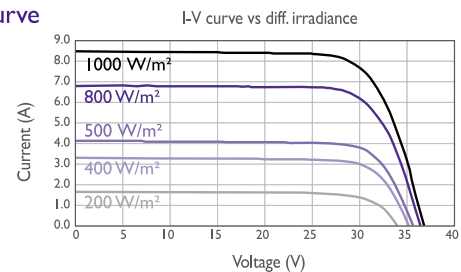
Packing configuration

Container	20' GP	40' GP	40' HQ
Pieces per pallet	26	26	26
Pallets per container	6	14	28
Pieces per container	156	364	728

Dimensions mm [inch]



I-V Curve



Dealer Stamp



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