GreenTriplex PM060P00

Multi-Crystalline Photovoltaic Module





Power Range 250 ~ 265 Wp



Highly Strengthened Design Module complies with advanced loading tests to meet 5400 Pa loading requirements



IP-67 Rated Junction Box Advanced water and dust proof level



Flammability Test Low ignitability ensuring fire safety



Anti-Reflection Coated Glass Anti-reflective surface enhances the power performance



PID-Free



Resistance to Salt Corrosion and Humidity Module complies with IEC 61701: Salt Mist Corrosion Testing



Ammonia Test Reliable in ammonia rich environment







GreenTriplex PM060P00 (250 ~ 265 Wp)

Electrical Data

Typ. Nominal Power P_N	250 W	255 W	260 W	265 W
Typ. Module Efficiency	15.5%	15.8%	16.1%	16.4%
Typ. Nominal Voltage Vmp (V)	30.6	30.8	31.2	31.6
Typ. Nominal Current Imp (A)	8.17	8.28	8.34	8.36
Typ. Open Circuit Voltage V_{OC} (V)	37.4	37.6	37.7	37.9
Typ. Short Circuit Current lsc (A)	8.69	8.76	8.83	8.89
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 PN. The classifications is performed according to PN \bullet Black back sheet is utilized for 250-260W; white back sheet is for 250-265W

Temperature Coefficient

NOCT	46 ± 2 °C
Typ. Temperature Coefficient of $P_{\!\rm N}$	-0.39 % / K
Typ. Temperature Coefficient of V_{OC}	-0.30 % / K
Temperature Coefficient of Isc	0.07 % / 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×W×H)1639 × 983 × 40 mm (64.53 × 38.70 × 1.57 in)Weight18.5 kg (40.79 lbs)Front GlassHigh transparent solar glass (tempered), 3.2 mm (0.13 in)Cell60 multicrystalline solar cellsBack SheetComposite filmFrameAnodized aluminum frameJunction BoxIP-67 rated with 3 bypass diodesConnector Type & CablesTE Connectivity PV4:1 × 4 mm² (0.04 × 0.16 in²), Length: each1.0 m (39.37 in) YUKITA YS-254/ YS-255:1 × 4 mm² (0.04 × 0.16 in²), Length: each1.0 m (39.37 in)		
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	/1	YUKITA YS-254/ YS-255:1 x 4 mm ² (0.04 x 0.16 in ²), Length: each 1.065 m (41.93 in)

Operating Conditions

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

Warranties and Certifications

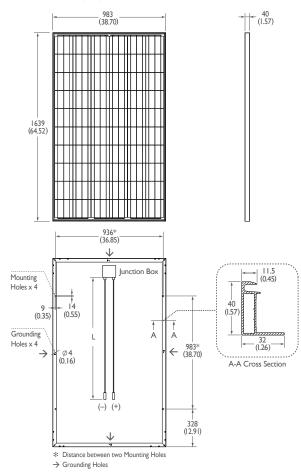
Product Warranty	Maximum 10 years for material and workmanship		
Performance Guarantee	Guaranteed linear degradation to 80% for 25 years *I		
Certifications	According to IEC/EN 61215, IEC/EN 61730 and UL 1703 guidelines *2		

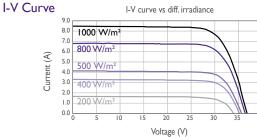
*1: Please refer to warranty letter for detail *2: Please confirm other certifications with official dealers

Packing Configuration

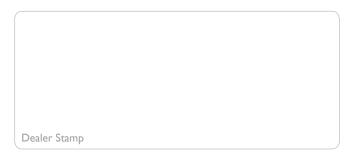
Container	20' GP	40' GP	40' HQ
Pieces per Pallet	26	26	26
Pallets per Container	6	14	28
Pieces per Container	156	364	728

Dimensions mm (inch)











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