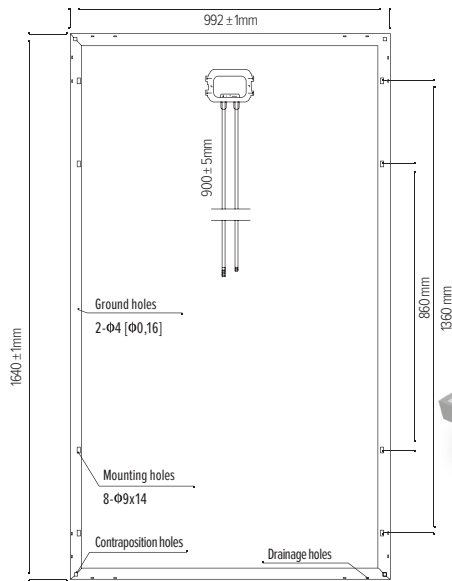


PV SOL60S - 270W

Monocrystalline

Excellent performance under weak light conditions
 Guarantee from 0 to +6W as power tolerance, customers can obtain 5,8% power more than conventional output
 100% EL test before and after lamination, and finished products EL test, providing higher quality assurance
 10 year %91 and 25 year %80 warranty



TECHNICAL SPECIFICATIONS

MECHANICAL CHARACTERISTICS

Cable Type Cross-sectional area and Length	Φ = 4mm ² , L= 900± 5mm
Type of Connector	Compatible Type MC4
Dimension AxBxC	1640 x 992 x 45mm
Weight	18,3 kg (40.3 lb)
Number of Draining Holes in Frame	16
Glass	High Transmission, Low Iron Tempered 3,2mm
Encapsulation	EVA
Back Side	White Tedlar
Junction Box (protection degree)	IP 67
Frame	Clear Anodized Aluminum Alloy Type 6063T5 Frame

QUALIFICATION TEST PARAMETERS

Dielectric Insulation Voltage	6000V DC max
Operating Temperature	-40°C to +85 °C
Max Load	5400 Pa
Hailstone Impact	25mm at 23m/s

PACKAGING CONFIGURATION

Packaging Configuration	22 pcs/ box and 2 pcs/ box
Quantity of Big Box / Pallet	1 box / Pallet 1 boxes / Pallet
Quantity of Small Box / Pallet	- 10 box / Pallet
Loading Capacity	616 pcs / 40' HQ 240 pcs/ 20' GP

TYPICAL ELECTRICAL CHARACTERISTICS

Product Code	MA- 0603				
Solar Cell	Mono- Crystalline 156X156mm 60pcs (6x10)3 bus bars				
Max-Power	260Wp	265Wp	270Wp	275Wp	280Wp
Power Tolerance	0 + 6W				
Voltage at Pmax (Vmp)	31,0V	31,2V	31,4V	31,6V	31,8V
Current at Pmax(Imp)	8,39A	8,49A	8,60A	8,70A	8,81A
Open- Circuit Voltage (Voc)	37,8V	38,1V	38,3V	38,5V	38,8V
Short- Circuit Current (Isc)	9,08A	9,19A	9,31A	9,42A	9,53A
Max- System Voltage (VDC)	1000V (IEC), 600V (UL)				
Module Efficiency	16,0%	16,3%	16,6%	16,9%	17,2%
No. of Bypass Diodes (pcs)	3				
Max. Series Fuse (A)	12A				
Temperature Coefficient of Pmax	-0,45%/°C				
Temperature Coefficient of Voc	-0,34%/°C				
Temperature Coefficient of Isc	0,05%/°C				
Nominal Operating Cell Temperature	45± 2 °C				

* STC Conditions (1000W / m²; 1,5 AM and 25 °C Cell Temperature)