



## Solar Module TITAN S6-60



High Efficiency Solar Modules  
Ideal for Any Application

### Strengths

- Positive power tolerance (-0 Wp / + 4.99 Wp)
- High Efficiency Mono Crystalline Cell
- Certified for performance as per IEC 61215 : 2005 by TUV Germany
- Certified for safety as per IEC 61730-2 by TUV Germany & as per UL-1703-Third Edition from UL, USA
- Certified for Mechanical Loads up to 5400 Pascal that withstand heavy accumulation of snow and ice

**Product Guarantee :** 5 years

**Limited Power Warranty :** 90% for 12 Years  
80% for 25 Years

### Certifications



### Typical Electrical Characteristics

Type	TITAN S6-60			
Max-Power	Pmp (W)	230	235	240
Power Tolerance	(W)	-0 / + 4.99		
Max-Power Voltage	Vmp(V)	29.42	29.48	30.10
Max-Power Current	Imp (A)	7.89	8.00	8.02
Open Circuit Voltage	Voc (V)	37.38	37.50	37.62
Short Circuit Current	Isc (A)	8.50	8.52	8.55
Max-System Voltage (Europe / USA)	VDC	1000 / 600		
Number, Type & Arrangement of Cells	60, Mono-Crystalline, 6 x 10 Matrix			
Cell Size	6 in x 6 in / 156 mm x 156 mm			
Number of By-Pass Diodes	3			
Max-Series Fuse	(A)	15		
Pm Temperature Co-efficient	(%/C)	-0.4		
Isc Temperature Co-efficient	(%/C)	2.5		
Voc Temperature Co-efficient	(%/C)	-2.1		
NOCT – Nominal Operating Cell Temp	45°C / 113°F			

### Mechanical Characteristics

Cable Type	Tyco / Lapp Kable		
Type of Connector	Tyco / MC4		
Dimension	mm	1657 x 987 x 42	
Weight	19 Kgs / 42 Lbs		
Number of Draining Holes in Frame	12		
Glass Type and Thickness	Low iron, Tempered, 3.2 mm Thick		

### Packing Configuration

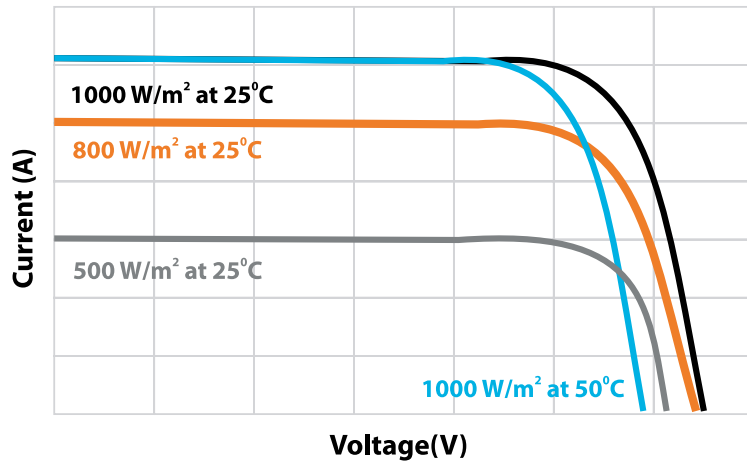
Packing Configuration	23 Modules in each pallet		
1 x 20 Ft	138 Modules		
1 x 40 Ft STD	299 Modules		
1 x 40 Ft HQ	598 Modules		

### Absolute Ratings

Operating Temperature	(°C)	-40 ~ +85	
Storage Temperature	(°C)	-40 ~ +85	

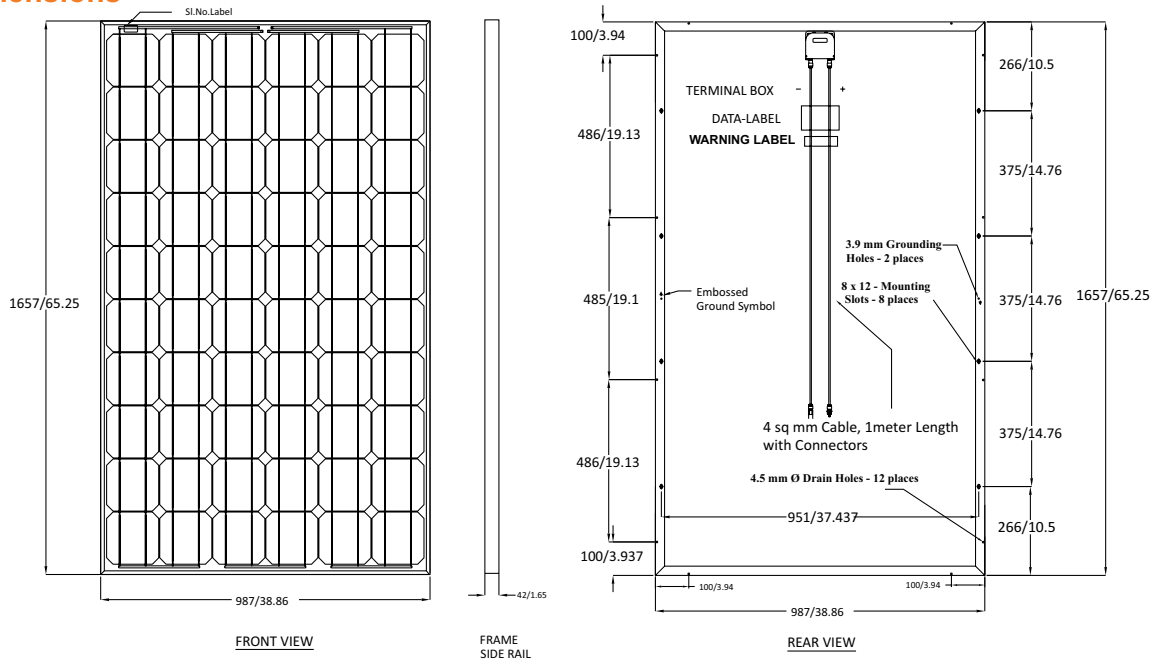
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## I-V Curves



Current/voltage dependence on irradiance and module temperature.  
 (This is only indicative showing fill-factor curves at varying light intensities and temperatures)

## Dimensions



All dimensions in mm / inch, tolerances are +/-1mm and +/- 1/16 in



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