



Solar Module TITAN M5-36



High Efficiency Solar Modules
suitable for On Grid & Off Grid
applications

Strengths

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

Product Guarantee : 5 years

Limited Power Warranty : 90% of 12 Years
80% of 25 Years

Certifications



Typical Electrical Characteristics

Type	TITAN M5-36			
Max-Power	Pmp (W)	70	75	80
Power Tolerance	(W)	-0 / + 4.99		
Max-Power Voltage	Vmp(V)	16.85	16.92	17.00
Max-Power Current	Imp (A)	4.15	4.43	4.71
Open Circuit Voltage	Voc (V)	21.38	21.82	22.18
Short Circuit Current	Isc (A)	4.72	4.92	5.11
Max-System Voltage	VDC	600		
Number, type and arrangement of cells	36, Multi-Crystalline, 4 x 9Matrix			
Cell Size	5" x 5" / 125 x 125 mm			
No. of By-pass Diodes	4			
Max. Series Fuse	(A)	12		
Pm Temperature Co-efficient	(%/K)	-0.40		
Isc Temperature Co-efficient	(mA/K)	4.70		
Voc Temperature Co-efficient	(mV/K)	-2.0		
NOCT – Nominal Operating Cell Temp	(°C)	45		

Mechanical Characteristics

Cable Type		Tyco / Lapp Kable
Type of connector		Tyco / MC4
Dimension	mm	530 x 1205 x 42
Weight	Kgs	8
No. of Draining Holes in Frame		8
Glass Type and Thickness		3.2 mm Thick, Low iron, Tempered

Packing Configuration

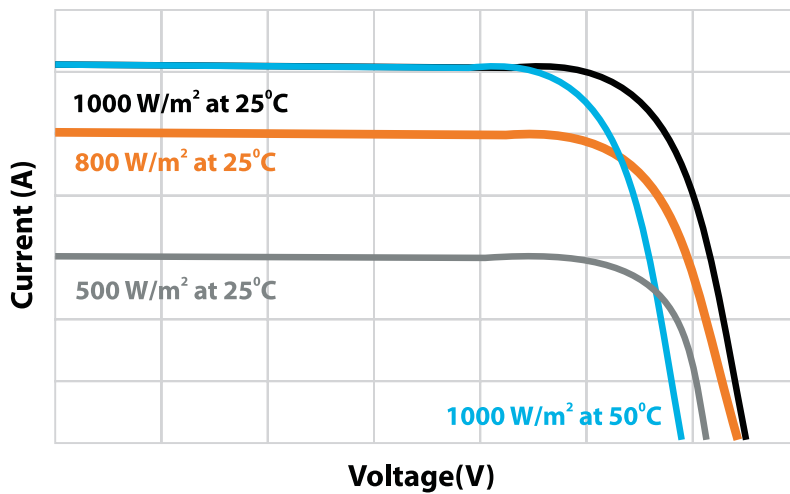
Packing Configuration	40 / 20 Modules in each pallet		
1 * 20'	510 Modules		
1 * 40Ft STD	1020 Modules		

Absolute Ratings

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

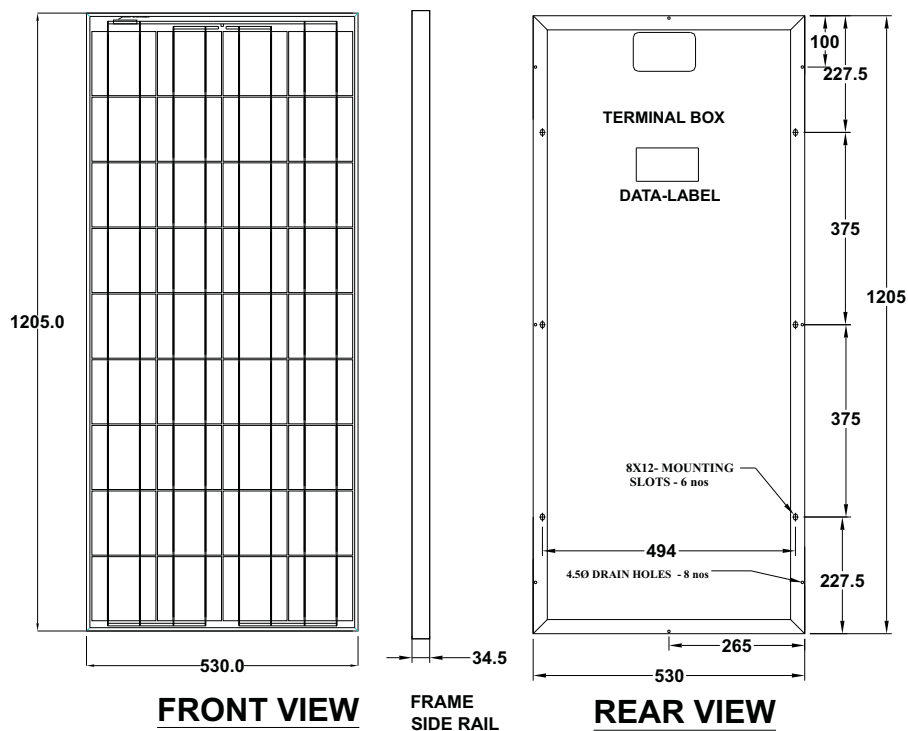
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I-V Curves



Current/voltage dependence on irradiance and module temperature.
This is only indicative showing effect of temperature and intensity on power

Dimensions



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