



INFINITY ENERGY EUROPE

VOSTOK SERIES 635-660



MBB Solar Cells

panels have multi-busbars that can reduce current heat loss of the cells and increase the current collection ability



Strong and Safe

panels are certified to withstand 2400 Pa negative load of wind and 5400 Pa positive load of snow.



1500V System Voltage

panels are of 1500V system voltage design compatible to 1000V/1500V and reduces BoS cost greatly.



PID-Resistant

panels are PID-resistant which were tested to the industry's most rigorous durability standards in accordance to IEC 62804.



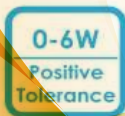
Better Low Light Output

uses the best solar glass, cells, and assembling technology to guarantee good performance in cloudy days or low light conditions.



Salt-resistant & Ammonia-Resistant

solar panels are salt mist and ammonia resistance certified.



Positive Tolerance

guarantees that all solar modules manufactured by Mysolar have 0-6W positive tolerance.



Confident Warranty

15 years limited product warranty and 30 years performance warranty for the Shingled panels.



Higher Output

With multi-busbar (5BB) cells, and 1500V system voltage, super solar glass, panels have higher output than its competitors'.

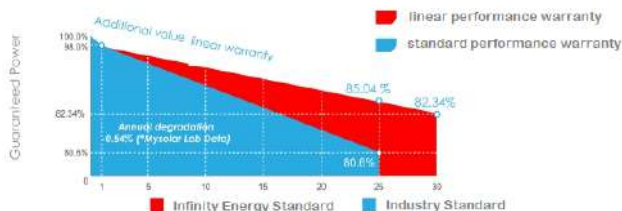


High Reliability

has complete testing facilities for tests of UV, TC, HF, EL, etc tests. 100% of panels were tested & minimumly twice EL tests guaranteed.

LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty- 30 Year Linear Power Warranty



ISO9001:2015 Quality management systems
ISO14001: 2015 Quality management systems
OHSAS18001: 2018 Occupational health and safety management systems

IEC61215, IEC61730, UL1703 certified product



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SPECIFICATIONS

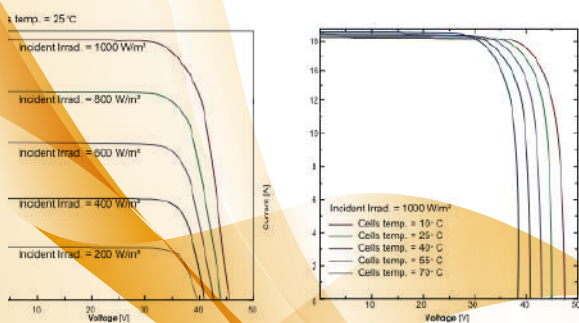
Module Type	IEE660M	IEE655M	IEE650M	IEE645M	IEE640M	IEE635M
Maximum Power-Pm [W]	660	655	650	645	640	635
Open Circuit Voltage-Voc [V]	46.30	46.20	46.10	46.00	45.90	45.80
Short Circuit Current-Isc [A]	18.21	18.12	18.03	17.94	17.85	17.76
Maximum Power Voltage-Vm [V]	37.80	37.70	37.60	37.50	37.40	37.30
Maximum Power Current-Im [A]	17.46	17.37	17.29	17.20	17.11	17.02
Module Efficiency-η [%]	21.50	21.30	21.20	21.00	20.90	20.70
Operating Temperature (°C)	-40°C~+85°C					
Maximum System Voltage	1500VDC/1000VDC					
Maximum Series Fuse Rating	25A					
Power Tolerance	0~+6W					
Temperature Coefficientsof Pmax	-0.34%/°C					
Temperature Coefficientsof Voc	-0.27%/°C					
Temperature Coefficientsof Isc	0.04%/°C					
Nominal Operating Cell Temperature (NOCT)	45±2°C (42.3±2°C in NMOT)					

STC: Irradiance 1000W/sqm Cell Temp: 25 AM=1.5 °C

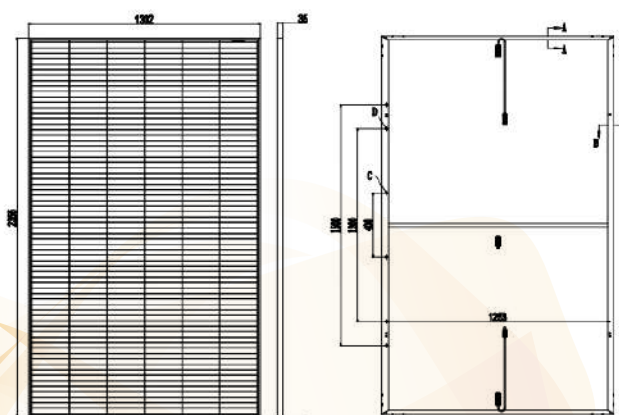
NOCT: Irradiance 800W/sqm Ambient Temp: 20 °C AM=1.5 Wind Speed 1m/s

* Power measurement tolerance: -/+3%

I-V Curve

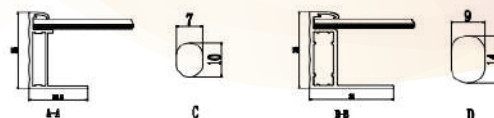


Mechanical Diagrams



Mechanical Characteristics

Cell Type	Mono PERC 210×210mm(8.27x8.27inch)
No. of cells	408 (68×6)
Dimensions	2355*1302*35mm
Weight	34.00kg Approx
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 diodes
Cable & Connector	4mm² cable MC4 compatible



Packaging Info

(Two pallets = One stack)

27pcs/pallet, 54pcs/stack, 540pcs/40'HQ Container, 230pcs/20'GP