MEDALPOWER

SOLAR 620W
Black Frame

MP620W#BN

Features:

- ◆ SMBB Technology

  Better light trapping and current collection to improve module power output and reliability.
- ◆ Hot 2.0 Technology

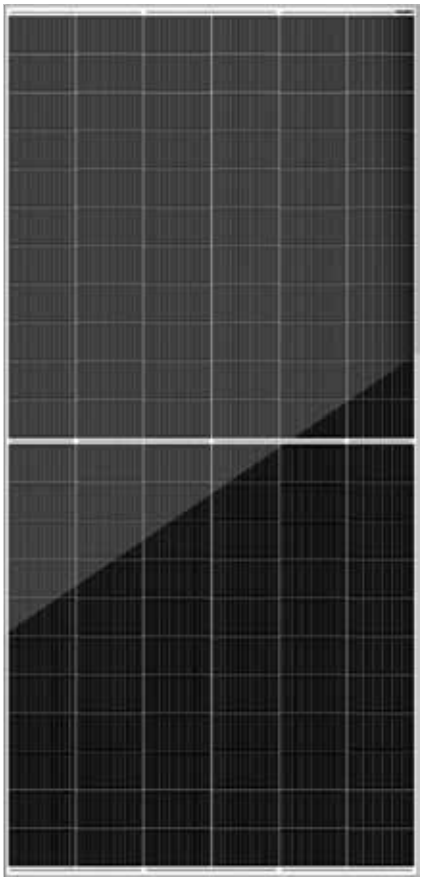
  The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.
- ◆ Excellent weak light performance

  More power output in weak light condition, such as cloudy, morning and sunset.
- ◆ Extended wind and snow load tests

  Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal).
- ◆ Lower LCOE

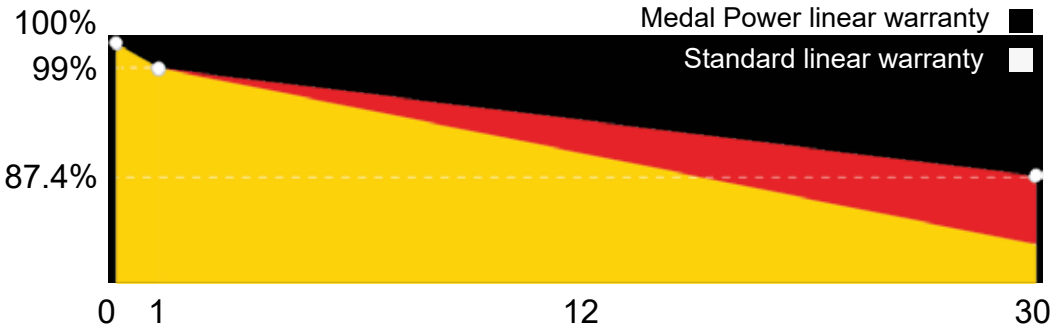
  Higher bifaciality, higher power output and lower BOS cost.
- ◆ PID Resistance

  Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



LEAVE POWER FOR MEDAL POWER

Industry-Leading Warranty based on nominal power



23.0%
MAXIMUM EFFICIENCY

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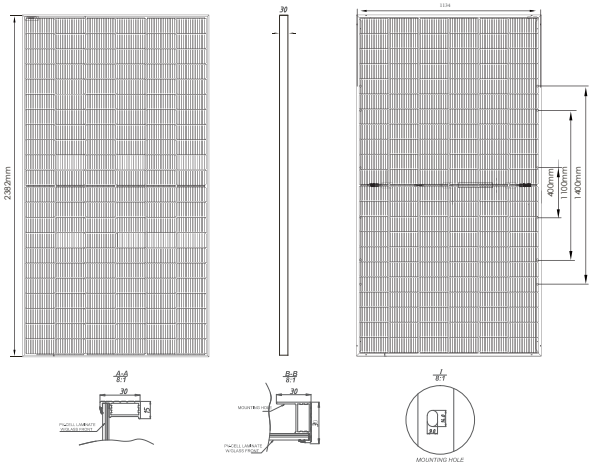
MECHANICAL SPECIFICATIONS

Cell Type	N type Mono-crystalline
Cell Arrangement	132 (6*22)
Weight	32.5KG
Module Dimensions	2382*1134*30mm
Cable Length	4.0mm², ±300mm or Customized length
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
No. of Bypass Diodes	3/6
Packing Configuration	36pcs/pallet, 720pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68



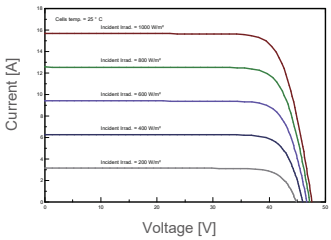
ELECTRICAL SPECIFICATIONS

Module Type	MP620W#BN
Testing Condition	STC
Rated output (Pmp/Wp)	620
Maximum Power Voltage(Vmpp/V)	40.91
Maximum Power Current(Impp/A)	15.16
Open Circuit Voltage(Voc/V)	48.78
Short Circuit Current(Isc/A)	16.05
Module efficiency(%)	23.0%
Power Tolerance (W)	0~+5

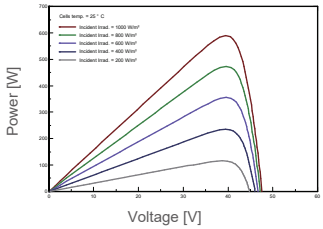
STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

CURVE & TEMPERATURE DEPENDENCE

I-V CURVES OF PV MODULE(635W)



P-V CURVES OF PV MODULE(635W)



MAXIMUM RATINGS

Maximum System Voltage	1500V DC(IEC)
Operating Temperature	-40°C ~ +85°C
Maximun Series Fuse	30A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Protection Class	II
Fire Type	Class C (IEC)
Bifacial	80±5%

TEMPERATURE CHARACTERISTICS

NMOT Temperature	45℃±2℃
Temprature Coefficient (Pmax)	-0.29%/℃
Temprature Coefficient (Voc)	-0.25%/℃
Temprature Coefficient (Isc)	0.045%/℃
Temprature Coefficient (Isc)	0.045%/℃