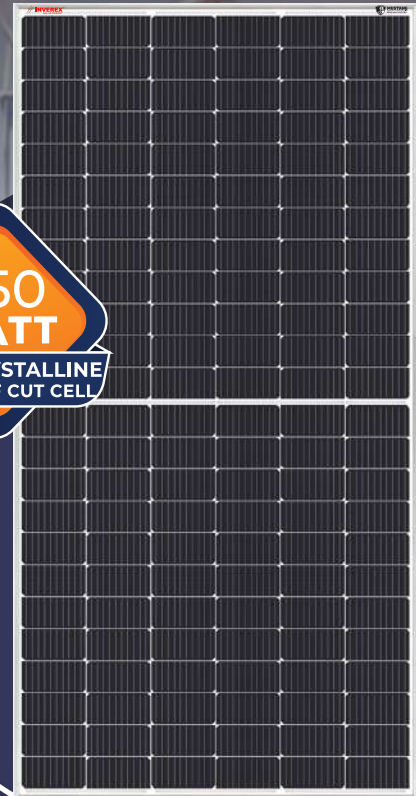


144
CELLS

21.5%
Maximum Module
Efficiency



550 WATT
MONOCRYSTALLINE
PERC HALF CUT CELL







12 YEARS
PRODUCT WARRANTY

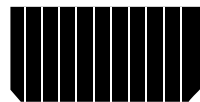
25 YEARS
WARRANTY ON
POWER OUTPUT



MUSTANG
530 to 555 Watt Monocrystalline
PERC HALF CUT CELL

PRODUCT FEATURES

-  Ideal Choice for large scale ground installation
-  Selected encapsulating material and stringent Production process control ensure the product is highly PID resistant and snail trails free
-  Special cutting and soldering technology leads to low hotspot risk
-  Sand blowing test, salt mist test and ammonia test passed to endure harsh environment
-  Optimized system performance due to module level current sorting
-  Highly transparent self-cleaning glass brings additional yield and easy maintenance



Cell Type
10BB (182mm)

5W
Positive Tolerance
0/+5W Guaranteed

PID
PID Resistant

555W MAXIMUM POWER OUTPUT
21.5% MAXIMUM POWER OUTPUT
0~+5W POWER OUTPUT GUARANTEE

- manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard: ISO9001:2015, ISO14001: 2015 and OHSAS: 18001 2007
- Tested for harsh environments [salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716, DIN EN 60068-2- 68]
- Long term reliability tests
- 2x100% EL inspection ensuring defect-free modules





Electrical Specification (STC*)

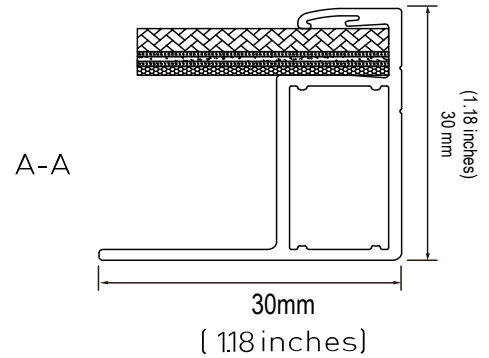
Maximum Power	P _{max} [W]	530	535	540	545	550	555
Maximum Power Voltage	V _{mp} [V]	40.74	40.88	41.01	41.15	41.28	41.41
Maximum Power Current	I _{mp} [A]	13.01	13.09	13.17	13.24	13.32	13.39
Open Circuit Voltage	V _{oc} [V]	49.26	49.40	49.53	49.67	49.80	49.93
Short Circuit Current	I _{sc} [A]	13.69	13.77	13.85	13.93	14.01	14.09
Module Efficiency	(%)	20.5	20.7	20.9	21.1	21.3	21.5
Power Output Tolerance	[W]	0+-5					

* Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

Electrical Specification (NOCT*)

Maximum Power	P _{max} [W]	394	398	402	406	410	414
Maximum Power Voltage	V _{mp} [V]	37.92	38.05	38.19	38.32	38.46	38.59
Maximum Power Current	I _{mp} [A]	10.40	10.46	10.52	10.58	10.64	10.72
Open Circuit Voltage	V _{oc} [V]	46.50	46.63	46.75	46.88	47.00	47.12
Short Circuit Current	I _{sc} [A]	11.06	11.12	11.19	11.25	11.32	11.39

* Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

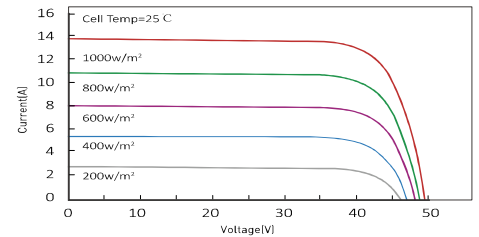


Mechanical Data

Number of Cells	144 Cells (6x24)
Dimensions of Module L*W*H (mm)	2278 x 1134 x 30mm (89.68x 44.64 x 1.8 inches)
Weight (kg)	26.9 kg
Glass	High transparency solar glass 3.2mm (0.13 inches)
Backsheet	White
Frame	Silver, Anodized aluminium alloy
J-Box	IP 68 Rated
Cable	4.0mm ² (0.006 inches ²) , 1200mm (47.2 inches)
Number of diodes	3
Wind/ Snow Load	2400 ^{Pa} / 5400 ^{Pa}
Connector	MC COMPATIBLE

* For more details please check the installation manual

I-V Curve at Different Temperature (530W)



Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	44 ± 2 °C
Temperature Coefficient of I _{sc}	+0.048% /°C
Temperature Coefficient of V _{oc}	-0.270 % /°C
Temperature Coefficient of P _{MAX}	-0.350 % /°C

Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC- (H)
Max Series Fuse Rating	25A

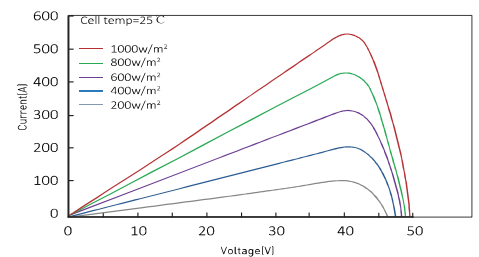
Packaging Configuration

Module per box	36 pieces
Module per 40' container	720 pieces

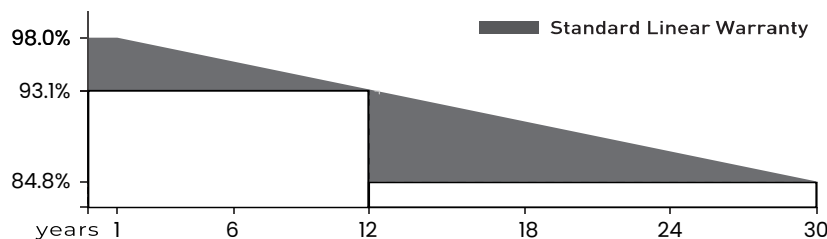
Optional

Connector MC ORIGINAL

I-V/P-V Curve at Different Irradiation (530W)



Linear Performance Warranty



12 Years Warranty | 30 Years Linear Power Warranty

*Please refer to standard warranty for details

