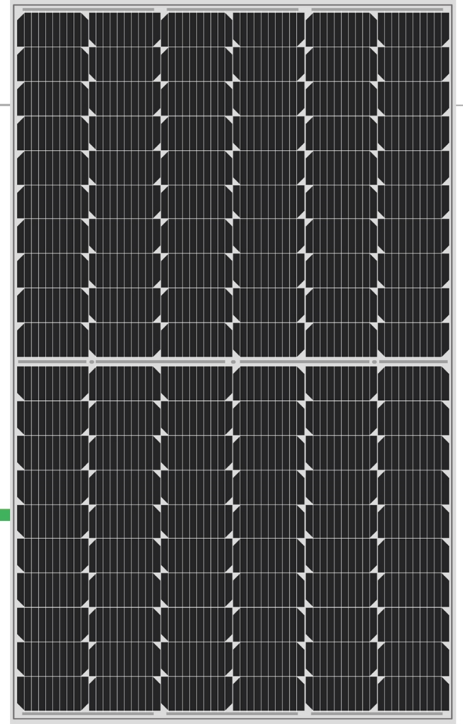


MONO

9BB HALF CELL MONO

360W-375W



120 CELL
9-BUSBAR MONO PERC

360W-375W
POWER OUTPUT RANGE

20.6%
MAXIMUM EFFICIENCY

0 to +5W
POSITIVE POWER TOLERANCE

CERTIFICATION



Higher Output of Power

Effectively reduce the unit cost of PV solar system by watt



Optimize the temperature coefficient

Improve the performance under the condition of shadow and low temperature coefficient



Reduce the shadow loss on the power output

Effectively reduce the risk of heat spot on high efficiency

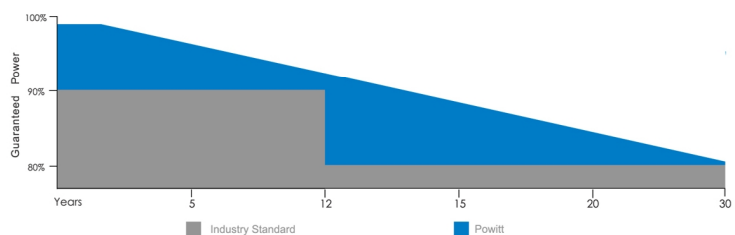


Stronger the physical property

Optimize the property of power generating and reliability of the system

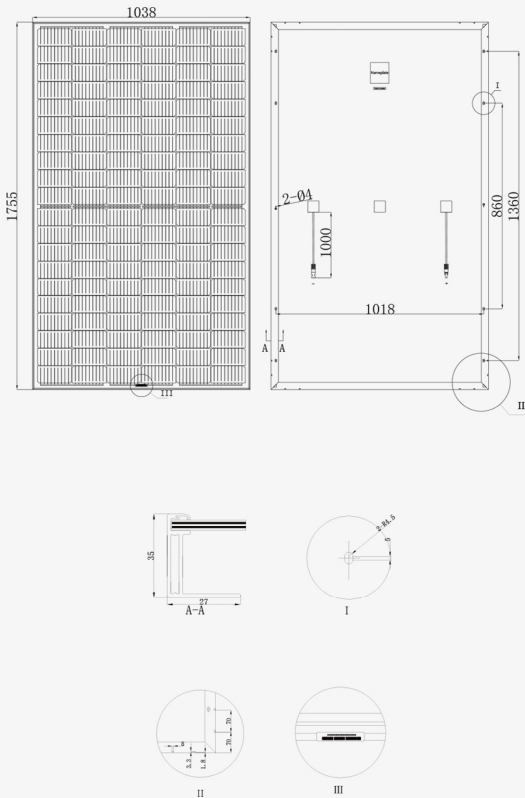
LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty · 30 Year Linear Power Warranty

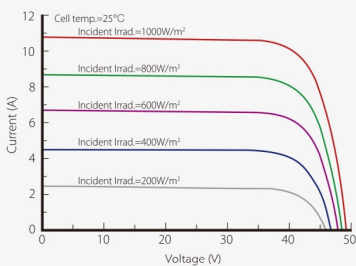


www.powitt.com

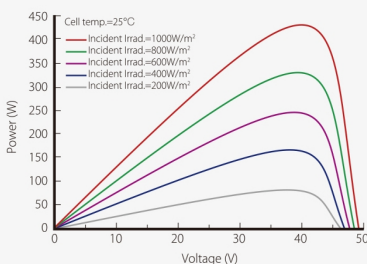
DIMENSIONS OF PV MODULE



I-V CURVES OF PV MODULE



P-V CURVES OF PV MODULE



ELECTRICAL DATA @STC

	PHC-360MBB	PHC-365MBB	PHC-370MBB	PHC-375MBB
Peak Power Watts-P _{MAX} (Wp)	360	365	370	375
Power Output Tolerance-P _{MAX} (W)	0+5	0+5	0+5	0+5
Maximum Power Voltage-V _{MPP} (V)	33.69	33.89	34.09	34.29
Maximum Power Current-I _{MPP}	10.69	10.78	10.86	10.94
Open Circuit Voltage-V _{OC} (V)	40.92	41.12	41.32	41.56
Short Circuit Current-I _{SC} (A)	11.22	11.3	11.39	11.46
Module Efficiency η _m (%)	19.8	20.0	20.3	20.6

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200 W/m² according to EN 60904-1.

ELECTRICAL DATA @ NOCT

	PHC-360MBB	PHC-365MBB	PHC-370MBB	PHC-375MBB
Maximum Power-P _{MAX} (Wp)	266.59	270.29	273.99	277.69
Maximum Power Voltage-V _{MPP} (V)	31.08	31.28	31.48	31.66
Maximum Power Current-I _{MPP} (A)	8.55	8.62	8.69	8.75
Open Circuit Voltage-V _{OC} (V)	38.18	38.38	38.48	38.7
Short Circuit Current-I _{SC} (A)	9.01	9.07	9.15	9.21

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar Cells	9BB Mono PERC 166 x83mm
Cell Orientation	120 cells(6 x 20)
Module Dimensions	1755 x 1038 x 35 mm
Weight	20 kg
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass - 3.2mm
Backsheet	White
Frame	Silver Anodized Aluminium Alloy (Black Available)
J-Box	IP 68 rated
Cables	Photovoltaic Technology cable 4.0mm ² , 1000mm
Connector	MC4 Compatible

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of P _{MAX}	-0.36%/°C
Temperature Coefficient of V _{OC}	-0.28%/°C
Temperature Coefficient of I _{SC}	+0.048%/°C

MAXIMUM RATINGS

Operational Temperature	-40 to +85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	20A
Mechanical Load	5400pa
Wind Load	2400pa

PACKING CONFIGURATION

Modules per box: 30 pieces
Modules per 40' container: 832 pieces

WARRANTY

12 year workmanship warranty
30 year linear performance warranty

(Please refer to product warranty for details)

Powitt Solar Co Ltd

www.powitt.com
 info@powitt.com
 Tel: +86 519 8899 2132

Wuxi:

No.8-1, Yan Feng Road, Huishan, Wuxi, Jiangsu, China 214100

Changzhou :

Room 306, Building 5, Boji Park, Changzhou, Jiangsu, China 213000

Sri Lanka:

208 Stanley Thilakratne Mawatha, Jubilee Post, Nugegoda, Sri Lanka