



365~385W

M10 solar modules Aquaman series

Mono MBB **N-type** large size half cut
bifacial module

Excellent technical advantages and system design scheme to achieve high reliability, power generation effective gain and EPC cost reduction. Products can match different installation conditions, taking into account high adaptability and high compatibility. With mature support and inverter scheme, customized design for industrial and commercial and centralized ground power stations.

MODULE CHARACTER

-  PID Resistance
-  Salt mist resistance/Ammonia resistance
/dust and hail resistance
-  Production process reliability test
-  0~+5W Positive Tolerance
-  Mono MBB half cut
-  Reduce BOS cost increase ROI
-  Non-destructive cutting
-  Double-sided electricity generation

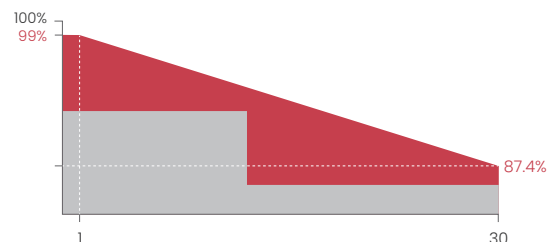
CERTIFICATION

IEC61215/IEC61730

ISO9001:Quality Management System

ISO14001:Environmental Management System

ISO45001:Occupational Health and Safety Management System



Linear performance warranty



Product warranty

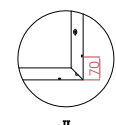
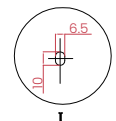
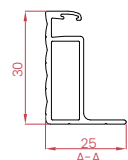
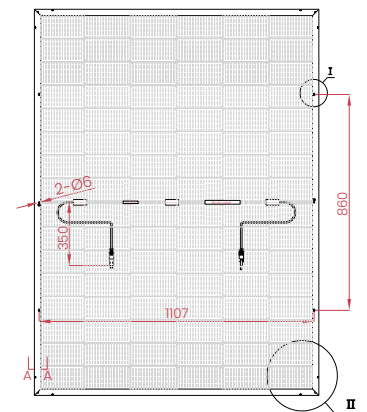
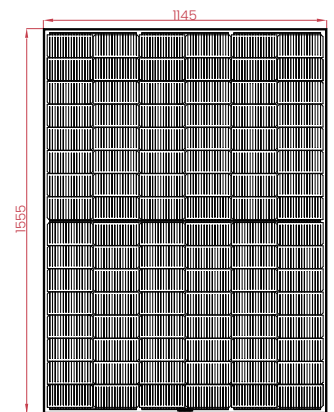
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ENGINEERING DRAWINGS



Module Type	SR-48M 365NHLPro		SR-48M 370NHLPro		SR-48M 375NHLPro		SR-48M 380NHLPro		SR-48M 385NHLPro	
Module Efficiency (%)	20.51		20.79		21.07		21.35		21.63	
Tolerance (W)	0~+5		0~+5		0~+5		0~+5		0~+5	
Test Environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power Pmax(W)	365	275.35	370	279.12	375	282.90	380	286.67	385	290.44
Open Circuit Voltage Voc(V)	34.01	32.49	34.24	32.71	34.47	32.92	34.70	33.14	34.93	33.36
Short Circuit Current Isc(A)	13.72	11.08	13.81	11.15	13.91	11.23	14.01	11.31	14.09	11.37
Maximum Power Voltage Vm(V)	28.10	26.37	28.29	26.55	28.48	26.72	28.67	26.90	28.86	27.08
Maximum Power Current Im(A)	12.99	10.47	13.08	10.55	13.17	10.62	13.26	10.69	13.34	10.76
Cell Type(mm)	MBB(Mono-Crystalline Silicon)									
Number of Cells(Pcs)	96(6×16)									
Maximum System Voltage (V)	DC1500									
Temp.Coeff.of Voc (%/°C)	-0.249									
Temp.Coeff.of Isc (%/°C)	0.045									
Temp.Coeff.of Pm (%/°C)	-0.3									
Operating Temperature (°C)	-40 to 85									
Nominal Operating Cell Temperature(NOCT) (°C)	45±2									
Max.Series Fuse (A)	25									
Pressure Bearing(Pa)	5400									
Wind Bearing (Pa)	2400									

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

Different backside power gains(385W)	10%	15%	20%	25%
Peak Power Pmax(W)	423.5	442.75	462	481.25
Open Circuit Voltage Voc(V)	34.94	34.95	34.97	34.98
Short Circuit Current Isc(A)	15.49	16.20	16.90	17.60
Maximum Power Voltage Vm(V)	28.87	28.88	28.89	28.9
Maximum Power Current Im(A)	14.67	15.34	16	16.66

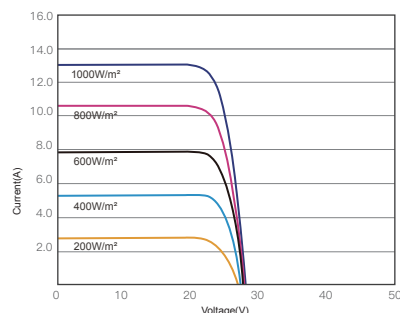
MATERIAL DETAILS

Frame	Anodized aluminum	Cable&Connector	4mm ² , EVO2 or EVO2 compatible
Cell	6×16pcs mono solar cell	Junction Box	Ip≥68, TÜV&UL
Glass	3.2mm Anti-Reflection Coating Heat Strengthened Glass	Net length of Cable	350mm or as customer's requirements

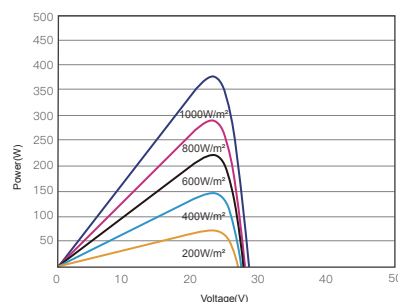
PACKING DETAILS

Dimension	1555×1145×30mm	Weight	17.9kg
Loading Capacity	1008pcs/40'HC	Packing	36pcs/pallet

IV CURVES



I-V CURVES OF PV MODULE(375W)



P-V CURVES OF PV MODULE(375W)