

Aquaman Series
M10 Mono Half Cell Module

SR-72MHLPro
530~550W

- SR-72M530HLPro
- SR-72M535HLPro
- SR-72M540HLPro
- SR-72M545HLPro
- SR-72M550HLPro

IEC61215/IEC61730
ISO9001:Quality Management System ISO14001:Environmental Management System
ISO45001:Occupational Health and Safety Management System



0~+5W Positive Tolerance



Higher Power Output



MBB Half Cut Cell With PERC Technology



Better Low-light Performance

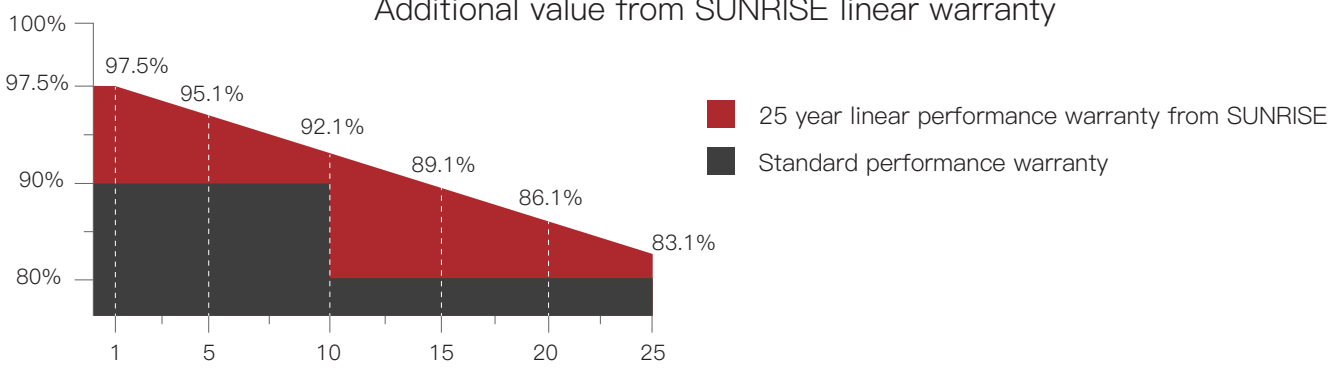


less shading effect



PID Resistance

Additional value from SUNRISE linear warranty



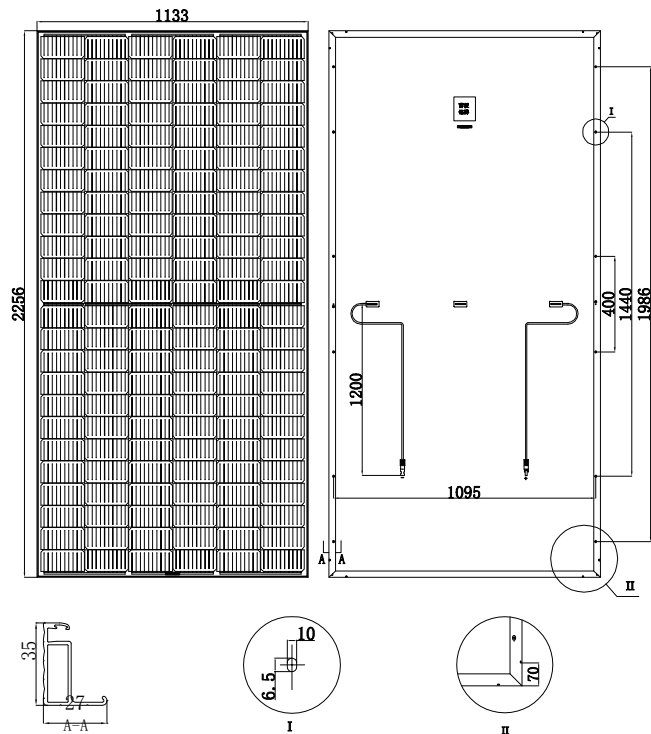


Module Type		SR-72M530HLPro		SR-72M535HLPro		SR-72M540HLPro		SR-72M545HLPro		SR-72M550HLPro	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(W)	0 ~ +5									
Module Efficiency	(%)	20.74		20.94		21.13		21.33		21.52	
Maximum Power	Pmax(W)	530	394.44	535	398.16	540	401.88	545	405.61	550	409.33
Open Circuit Voltage	Voc(V)	49.02	46.27	49.8	47.01	49.34	46.58	49.5	46.73	49.65	46.87
Short Circuit Current	Isc(A)	13.79	11.14	13.87	11.20	13.96	11.27	14.04	11.34	14.13	11.41
Maximum Power Voltage	Vm(V)	40.47	37.65	40.6	37.77	40.73	37.89	40.86	38.02	40.99	38.14
Maximum Power Current	Im(A)	13.1	10.48	13.18	10.54	13.26	10.60	13.34	10.67	13.42	10.73
Cell Type	(mm)	MBB-182×91mm(Mono-Crystalline Silicon)									
Number of Cells	(Pcs)	144(6×24)									
Maximum System Voltage	(V)	DC1500									
Temp. Coeff. of Voc	(%/°C)	-0.282									
Temp. Coeff. of Isc	(%/°C)	0.05									
Temp. Coeff. of Pm	(%/°C)	-0.348									
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

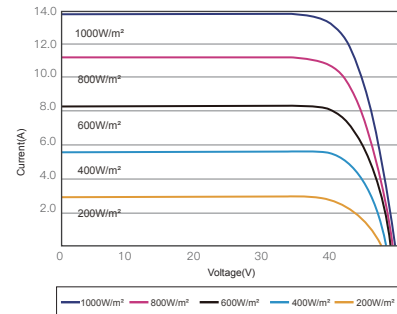
ENGINEERING DRAWINGS



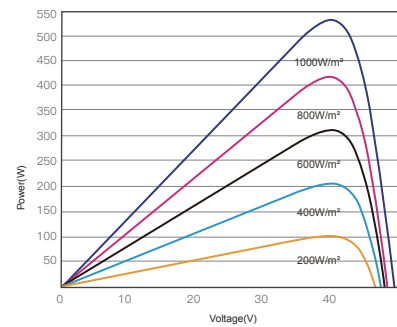
Manufactured in China

MATERIAL DETAILS	
Frame	Anodized aluminum
Glass	3.2mm low-iron tempered suede glass
Cell	6×24pcs mono solar cell
Junction Box	IP ≥ 68, TÜV & UL
Diode quantity	3
Cable&Connector	4mm ² , EVO2 or EVO2 compatible
Cable length	1200mm or as customer's requirements

IV CURVES



I-V CURVES OF PV MODULE(540W)



P-V CURVES OF PV MODULE(540W)

PACKING DETAILS

Dimension	(mm)	2256×1133×35
Weight	(kg)	27.5
Loading Capacity		600pcs/40HC
Packing	pcs/pallet	30