



430~450W

M10 solar panels Aquaman series

Mono SMBB TOPCon large size solar panel

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 distributed scenarios.

MODULE CHARACTER



PID Resistance



Salt mist resistance/Ammonia resistance
/dust and hail resistance



Production process reliability test



0~+5W Positive Tolerance



Lower LID / LETID



Reduce BOS cost increase ROI



Non-destructive cutting

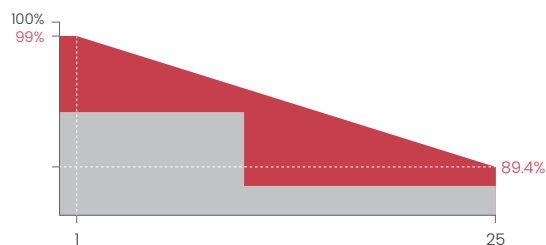
CERTIFICATION

IEC61215/IEC61730

ISO9001:Quality Management System

ISO14001:Environmental Management System

ISO45001:Occupational Health and Safety Management System



Linear performance warranty



Product warranty



STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5
NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

Frame	Anodized aluminum	Net length of Cable	350mm or as customer's requirements
Cell	6×18pcs mono solar cell	Junction Box	IP≥68, TÜV & UL
Diode quantity	3	Cable&Connector	4mm², EVO2 or EVO2 compatible
Glass	3.2mm Anti-Reflection Coating Heat Strengthened Glass		

Dimension	1723×1133×30mm	Weight	20.6kg
Loading Capacity	962pcs/40HC	Packing	37pcs/pallet

[illegible]

A line graph showing the relationship between Power (W) on the y-axis and Voltage (V) on the x-axis for five different solar irradiance levels: 1000 W/m², 800 W/m², 600 W/m², 400 W/m², and 200 W/m². The x-axis ranges from 0 to 40 V with major ticks every 10 V. The y-axis ranges from 0 to 450 W with major ticks every 50 W. Each curve represents a different irradiance level, with the peak power increasing as the irradiance increases. The 1000 W/m² curve (dark blue) has the highest peak power, reaching approximately 430 W at 30 V. The 200 W/m² curve (orange) has the lowest peak power, reaching approximately 70 W at 25 V.

Voltage (V)	1000 W/m² Power (W)	800 W/m² Power (W)	600 W/m² Power (W)	400 W/m² Power (W)	200 W/m² Power (W)
0	0	0	0	0	0
10	110	85	65	45	25
20	320	240	180	120	60
30	430	320	250	160	70
35	350	250	180	120	60
40	0	0	0	0	0

P-V CURVES OF PV MODULE(430W)