

M6 Mono Half Cell Module

ZHS1-120-166

355~385W

(Positive power tolerance of 0~+5W)

Key Features



MBB Half Cut Cell With PERC Technology



Higher Power Output



Better Low-light Performance



Less Shading Effect



PID Resistance



Enhanced Mechanical Load

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



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12

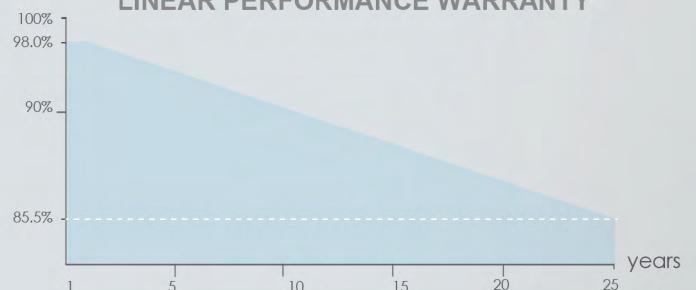
year Warranty for Materials and Processing

25

year Warranty for Extra Linear Power Output

-0.5% Annual Degradation Over 25 years

LINEAR PERFORMANCE WARRANTY



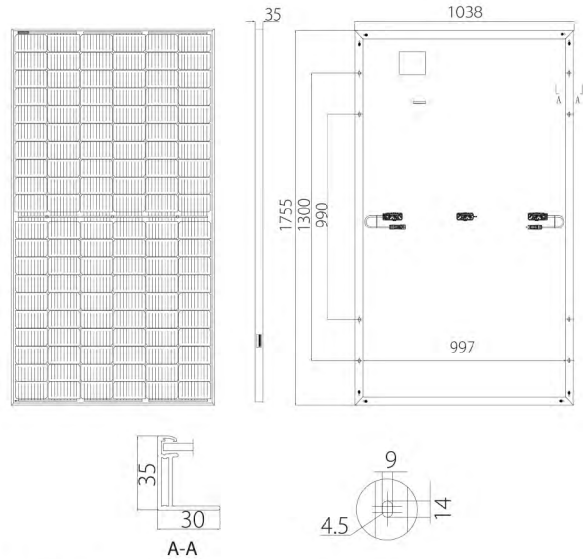
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PHOTOS



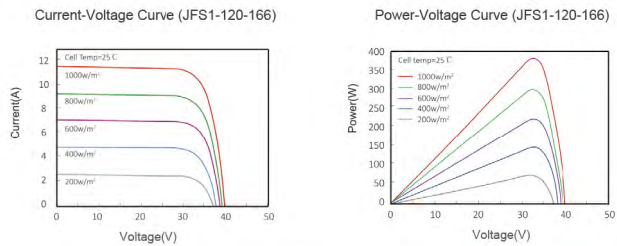
ENGINEERING DRAWINGS



SPECIFICATIONS

Cell	6×20 mono solar cell
Junction Box	IP≥ 68, TÜV & UL
Cable&Connector	4mm ² , TS4 / MC4-EVO2
Cable Lenath	300mm or as customer's requirements
Weight	19.5kg/43lbs
Packing	30pcs/pallet
Loading Capacity	180pcs/20GP 780pcs/40HC

IV CURVES



Module Type	ZHS1-120-355M		ZHS1-120-360M		ZHS1-120-365M		ZHS1-120-370M		ZHS1-120-375M		ZHS1-120-380M		ZHS1-120-385M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment														
Maximum Power (W)	355	265.1	360	268.8	365	272.6	370	276.3	375	280.0	380	283.8	385	287.6
Open Circuit Voltage (V)	40.3	37.8	40.5	38.0	40.7	38.2	40.9	38.3	41.1	38.5	41.3	38.7	41.5	38.9
Short Circuit Current (A)	11.25	9.10	11.35	9.17	11.43	9.25	11.52	9.32	11.60	9.38	11.69	9.45	11.78	9.62
Maximum Power Voltage (V)	33.8	31.5	34.0	31.7	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.5	35.0	32.8
Maximum Power Current (A)	10.51	8.43	10.59	8.49	10.68	8.56	10.76	8.63	10.84	8.69	10.92	8.76	11.00	8.83
Module Efficiency (%)	19.5		19.8		20.0		20.3		20.6		20.9		21.2	
Tolerance	0~+5W													
Maximum System Voltage	1500V(IEC)													
Temp. Coeff. of Voc	-0.270 % / °C													
Temp. Coeff. of Isc	0.048 % / °C													
Temp. Coeff. of Pm	-0.350 % / °C													
Operatinatemperature	40 to 85 °C													
Nominal operating cell temperature (NOCT)	45±2 °C													
Max.Series Fuse	20A													

*STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5 **NOCT:** Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s



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