

M10 Mono Half Cell Module

ZHS2-18X-MDB

525~545W

(Positive power tolerance of 0~+5W)

Key Features



Dual Glass Technology



Higher Power Output



Better Low-light Performance



Less Shading Effect



Better Low-light Performance



Enhanced Mechanical Load

CCC: 21510791772
WARRANTY: 12 Year / 25 Year / 1
ISO14001 Environmental Management System
ISO45001 Occupational Health and Safety
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12

year Warranty for Materials and Processing

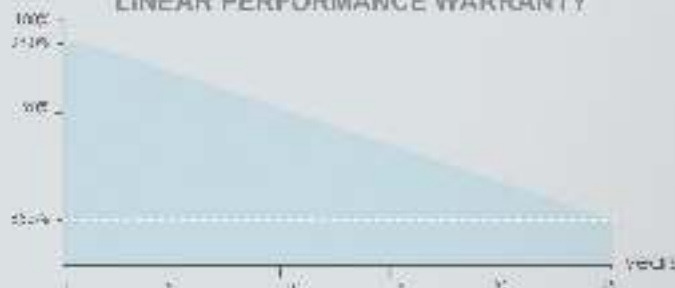
25

year Warranty for Extra Linear Power Output

-0.5%

Annual Degradation Over 25 years

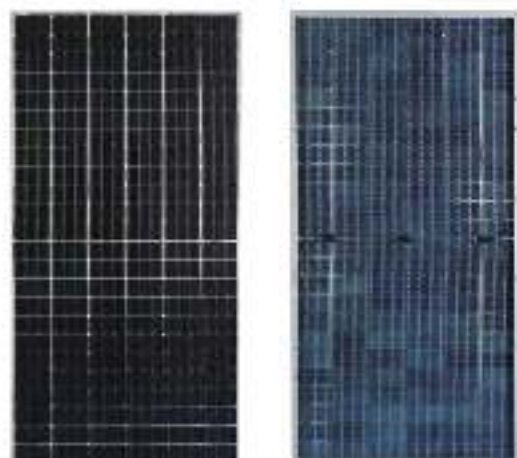
LINEAR PERFORMANCE WARRANTY



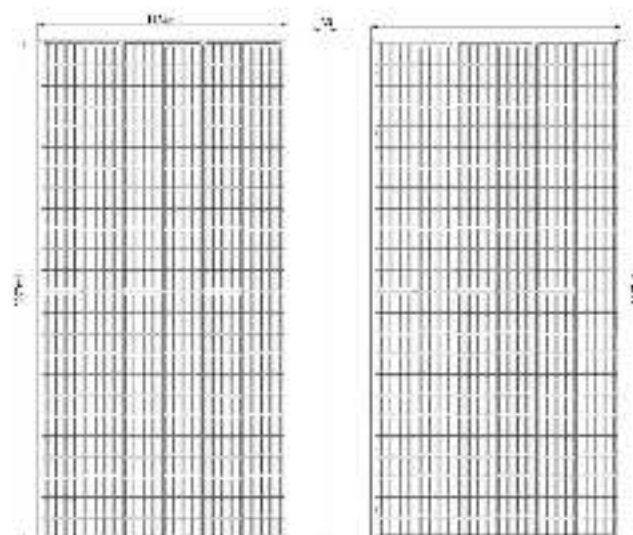
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(Positive power tolerance of 0~+5W)

PHOTOS



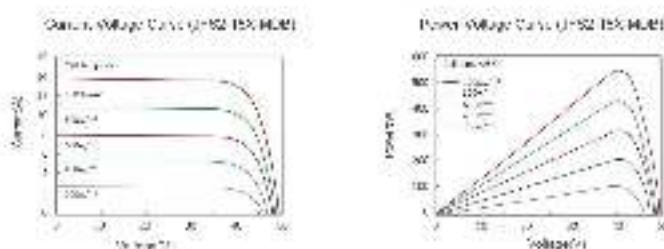
ENGINEERING DRAWINGS



SPECIFICATIONS

Cell	6-24 mono solar cell
Junction Box	IP67 28.TUV/UL
Cell Color	4mm ² , EY02 or EY02 (optional)
Cable Length	900mm or as customer's requirement
Weight	3.4kg
Packing	92pcs/carton
Loading Capacity	175pcs/20GP 703pcs/40HQ

IV CURVES



Module Type	ZHS2-184-625MDB		ZHS2-184-530MDB		ZHS2-184-625MDB		ZHS2-184-540MDB		ZHS2-184-545MDB	
Test Environment	570	NOCT	570	NOCT	570	NOCT	570	NOCT	570	NOCT
Maximum Power (W)	576	382.1	750	795.0	576	382.5	540	371.7	516	407.0
Open Circuit Voltage (V)	49.05	47.05	49.25	48.12	49.25	48.25	48.90	48.4	48.65	48.56
Short Circuit Current (A)	13.05	11.04	13.74	11.06	13.75	11.15	13.02	11.20	13.42	11.26
Maximum Power Voltage (V)	41.20	38.80	41.95	38.00	41.20	38.84	41.00	38.78	41.75	38.87
Maximum Power Current (A)	13.75	10.23	13.84	10.28	13.80	10.34	12.97	10.40	13.04	10.40
Mod. Is Efficiency (%)	20.5		20.5		20.7		20.8		21.1	
Tolerance	0~+5%									
Maximum System Voltage	1500VDC									
Temp. Coeff. of Voc	-0.27% / °C									
Temp. Coeff. of Isc	0.058% / °C									
Temp. Coeff. of Pmp	-0.190% / °C									
Operating Temperature	-40 to 85 °C									
Nominal operating cell temperature (NOCT)	45±2 °C									
Maximum Wind Load	240									

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



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