

G12 Mono Half Cell Module

ZHS3-120-210

585~605W

(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

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



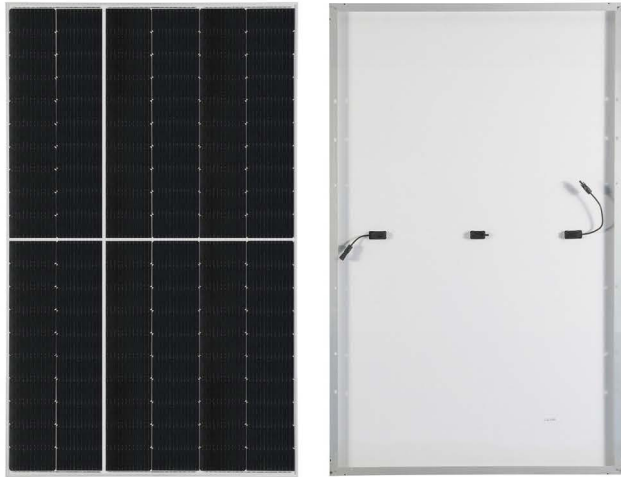
ZH SOLAR



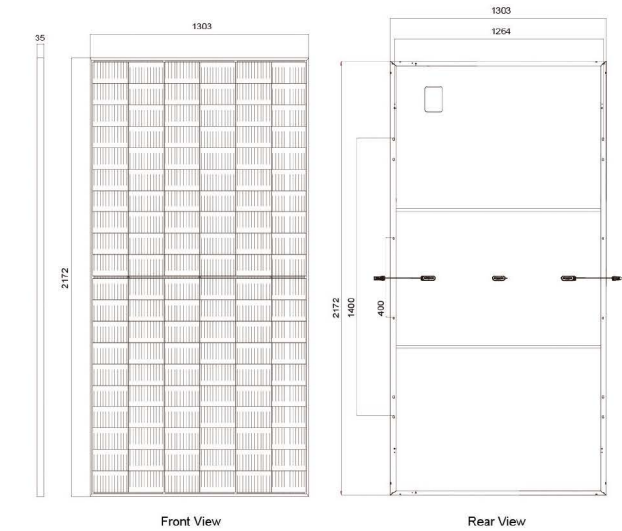
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PHOTOS



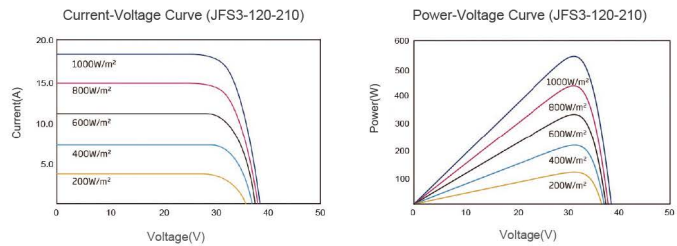
ENGINEERING DRAWINGS



SPECIFICATIONS

Cell	6×20 mono solar cell
Junction Box	IP≥ 68,TÜV & UL
Cable&Connector	4mm ² , TS4 / MC4-EVO2
Cable Lenath	280mm or as customer's requirements
Weight	30.9kg
Packing	31pcs/pallet
Loading Capacity	512pcs/40HC

IV CURVES



Module Type	ZHS3-120-585M		ZHS3-120-590M		ZHS3-120-595M		ZHS3-120-600M		ZHS3-120-605M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (W)	585	443	590	447	595	451	600	454	605	458
Open Circuit Voltage (V)	40.9	38.5	41.1	38.7	41.3	38.9	41.5	39.1	41.7	39.3
Short Circuit Current (A)	18.37	14.81	18.42	14.85	18.47	14.88	18.52	14.92	18.57	14.96
Maximum Power Voltage (V)	33.8	31.5	34.0	31.7	34.2	31.9	34.4	32.0	34.6	32.2
Maximum Power Current (A)	17.31	14.05	17.35	14.09	17.40	14.13	17.44	14.18	17.49	14.22
Module Efficiency (%)	20.7		20.7		21.0		21.2		21.4	
Tolerance	0~+5W									
Maximum System Voltage	1500V(IEC)									
Temp. Coeff. of Voc	-0.270 % / °C									
Temp. Coeff. of Isc	0.04 % / °C									
Temp. Coeff. of Pm	-0.340 % / °C									
Operatinatemperature	40 to 85 °C									
Nominal operating cell temperature (NOCT)	43±2 °C									
Max.Series Fuse	30A									

*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