



CHN-750-HC-DG

Monocrystalline Module
Bifacial Dual Glass

730-750W

750W
Maximum Power
Output

24.10%
Maximum Module
Efficiency

0~+3%
Power Output
Guarantee

OBB



210*105mm

● FIRE CLASS C

Fire protection through double glazing according to safety requirements

● REINSURANCE COVERAGE

Taoistic is reinsured for 30 years of performance guarantee



High quality silicon wafers guarantee high power module output and excellent cost-effectiveness, making it an ideal choice for large power plants



Selected packaging materials and strict process plans to ensure component PID resistance



Lower oxygen and carbon content leads to lower LID



Adapt to harsh outdoor environments through weather resistance tests such as sand and dust, salt spray, and ammonia gas



The design of series and parallel connection reduces the series resistance R_s of components, reduces internal electrical performance losses, and improves the power generation capacity of the system end



Our company has concluded a reinsurance agreement with Ariel Re - Lloyd's syndicate 1910. Please see <http://verification.arielre-cleanenergy.com>

Deliver Reliable Performance Over Time

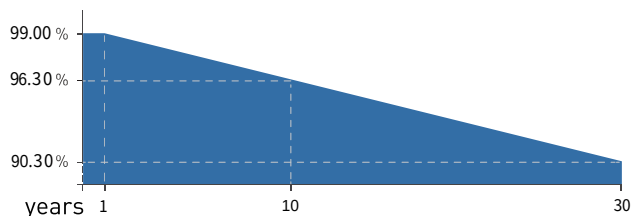
- manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard: ISO9001:2015, ISO14001: 2015 and ISO 45001: 2008
- Tested for harsh environments (salt mist, ammonia corrosion, sand blowing test, and PID test: IEC 61701, IEC 62716)
- Long term reliability tests
- 2x100% EL inspection ensuring defect-free modules

WARRANTY

12 years product warranty

30 years performance warranty

Linear Performance Warranty



12 Years Product Warranty 30 Years Linear Power Warranty

* Please refer to standard warranty for details

Product Certification



730-750W

Maximum Power	P _{max} [W]	730	735	740	745	750
Maximum Power Voltage	V _{mp} [V]	42.32	42.41	42.50	42.59	42.68
Maximum Power Current	I _{mp} [A]	17.26	17.34	17.42	17.50	17.58
Open Circuit Voltage	V _{oc} [V]	50.37	50.47	50.57	50.67	50.77
Short Circuit Current	I _{sc} [A]	18.35	18.44	18.53	18.62	18.71
Module Efficiency	[%]	23.50	23.70	23.80	24.00	24.10
Power Output Tolerance	[W]	0~+3%				

Maximum Power	$P_{max}[W]$	557	561	565	568	572
Maximum Power Voltage	$V_{mp}[V]$	40.41	40.50	40.58	40.67	40.76
Maximum Power Current	$I_{mp}[A]$	13.79	13.86	13.92	13.99	14.05
Open Circuit Voltage	$V_{oc}[V]$	48.08	48.17	48.27	48.36	48.46
Short Circuit Current	$I_{sc}[A]$	14.67	14.74	14.81	14.88	14.95

Number of Cells	132 pieces [6×22]
Dimensions of Module L*W*H [mm]	2384×1303×30mm
Weight [kg]	Approx 37.5 kg
Front Side Glass	2.0mm, Anti-reflection coating glass
Back Side Glass	2.0mm, Hightransparency solar glass
Frame	Alloy Steel Frame
J-Box	Protection level IP68
Cable	4.0mm², 300mm
Number of diodes	3
Wind/Snow Load	2400 Pa/5400 pa*
Connector	MC4 compatible or MC compatible

Nominal Operating Cell Temperature [NOCT]	$44 \pm 2^{\circ}\text{C}$
Temperature Coefficient of I_{sc}	$+0.040\%/^{\circ}\text{C}$
Temperature Coefficient of V_{oc}	$-0.220\%/^{\circ}\text{C}$
Temperature Coefficient of P_{MAX}	$-0.240\%/^{\circ}\text{C}$
Bifaciality	$75 \pm 5\%$

Operational Temperature	- 40~+85°C
Maximum System Voltage	1500V DC-[H]
Max Series Fuse Rating	35A

Module per box	37pieces
Module per 40 container	666pieces

Connector	Original MC
Cable length	1200mm
Frame	Anodized aluminium
Glass	Black

Figure 10 is a line graph showing Power (W) on the y-axis (0 to 800) versus Voltage (V) on the x-axis (0 to 50). Five curves are plotted for different solar irradiance levels: 1000 W/m² (blue), 800 W/m² (dark blue), 600 W/m² (purple), 400 W/m² (red), and 200 W/m² (orange). The curves show that power increases with voltage up to a peak and then decreases. Higher irradiance levels result in higher peak power and higher peak voltages.