

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

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

PID

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

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

LID

Lower oxygen and carbon content leads to lower LID

Our company has concluded a reinsurance agreement with
Ariel Re - Lloyd's syndicate 1910

Monocrystalline Module

PV Modules

N-Type

DA-NM12R/132GN
600W-630W

P-Type

DA-M10/144H
530W-550W

TOPCON

DA-M10/144GN
565W-595W

DA-HC-DG-730
705W-730W

705-730W

Type	DA-HC-DG-730(Bifacial Dual Glass)

Electrical Specification(STC*)

Maximum Power	Pmax{W}	705	710	715	720	725	730
Maximum Power Voltage	Vmp{V}	40.20	40.40	40.60	40.80	41.00	41.20
Maximum Power Current	Imp{A}	17.54	17.58	17.62	17.65	17.69	17.72
Open Circuit Voltage	Voc{V}	48.10	48.30	48.50	48.70	48.90	49.10
Short Circuit Current	Isc{A}	18.54	18.59	18.64	18.69	18.74	18.79
Module Efficiency	{%}	22.70	22.90	23.00	23.20	23.30	23.50
Power Output Tolerance	{W}	0~+3%					

* Irradiance 1000W/m², Module Temperature 25℃ 1.5

Electrical Specification(NOCT*)

Maximum Power	Pmax{W}	534	538	542	546	550	554
Maximum Power Voltage	Vmp{V}	38.10	38.30	38.50	38.70	38.90	39.10
Maximum Power Current	Imp{A}	14.03	14.06	14.09	14.12	14.15	14.18
Open Circuit Voltage	Voc{V}	45.60	45.80	45.00	45.20	45.40	46.60
Short Circuit Current	Isc{A}	14.95	14.99	15.03	15.07	15.11	15.15

* Irradiance 800W/m², Ambient Temperature 20℃, Wind Speed 1m/s

Mechanical Data

Number of Cells	132pieces [6×22]
Dimensions of Module L*W*H(mm]	2384×1303×30㎜
Weight (kg)	Approx 38.4kg
Front Side Glass	2.0㎜，Anti-reflection coating glass
Back Side Glass	2.0㎜，Hightransparency solar glass
Frame	Anodized aluminium
J-Box	Protectionlevel IP68
Cable	4.0㎜2,300㎜
Number of diodes	3
Wind/Snow Load	2400 Pa/5400 pa*
Connector	MC4 compatible or MCcompatible

* For more details please check the installation manual

Temperature Ratings

Nominal Operating Cell Temperature{NOCT}	44±2℃
Temperature Coefficient of Isc	+0.046%/℃
Temperature Coefficient of Voc	- 0.250%/℃
Temperature Coefficient of PMAX	- 0.300%/℃

Maximum Ratings

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

Packaging Configuration

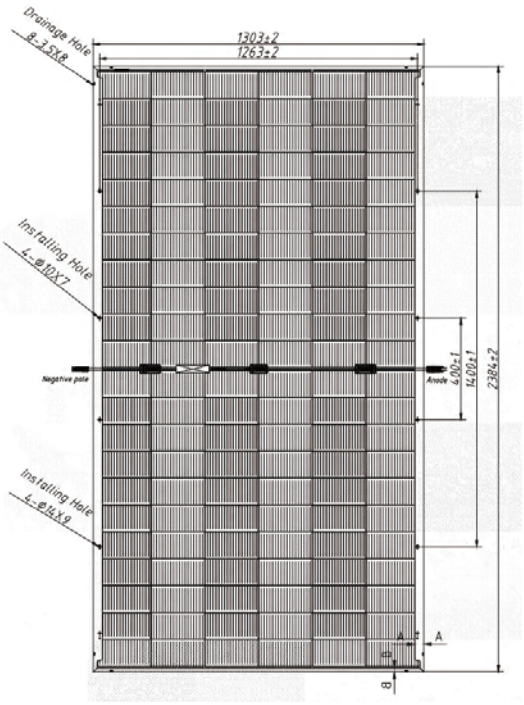
Module per box	37 pieces
Module per 40 container	666pieces

* Due to different specifications, the specific loading quantity is subject to the actual arrival of goods

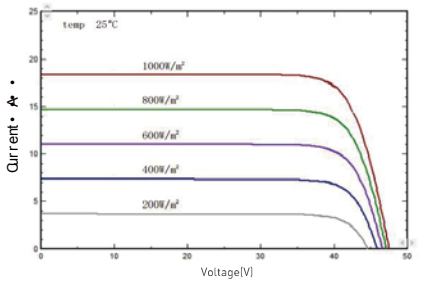
Optional

Connector	Original MC
Cable length	1200㎜
Frame	Black
Glass	Black

Module Dimension



I-V Curve at Different Temperature (730W)



I-V/P-V Curve at Different Irradiation (730W)

