

Hi-Chaser

CHASER-M6/144P

455-475W

HJT 9BB HALF-CUT BIFACIAL
DOUBLE GLASS MODULE



SK8612HDGDC

30

30-year quality warranty with longer operational life

1500V

1500V high system voltage design



Fire class A, harsh environment adaptability

Consist of double-glass, with special design cells, Outstanding anti-PID performance.



30 -year power warranty

Bifacial module ensures 30-year outdoor operation, longer than the conventional type of normally 25 years.



Elegant appearance & high performance

The bifacial module is of high light transmittance to ensure good performance, an advanced solution that enables more energy generation, light capturing and elegant appearance.



1500V system voltage

Maximum 1500V DC system voltage and lower total system cost. Excellent insulation performance.

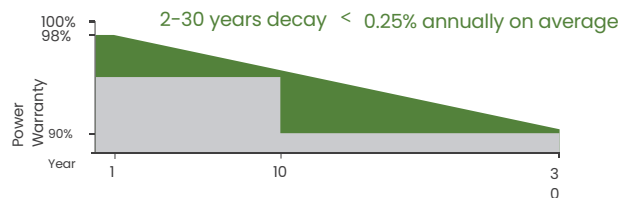
LINEAR PERFORMANCE WARRANTY

25
Years

Product warranty on materials and workmanship

30
Years

Linear power output warranty



CERTIFICATES

ISO 9001: 2015
Quality Management System

ISO 14001: 2015
Environmental Management System

IEC 61215 / IEC 61730 OHSAS

18001: 2007
Occupational Health &
Safety Management System

*Certification requirements vary in different markets, please consult with Akcome Optonics sales team for appropriate certification.

TUV NORD CE

ELECTRICAL PARAMETERS @ STC

Max. Power Output Pmax (W)	460 371 Front Back	465 375 Front Back	470 379 Front Back	475 383 Front Back
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%
Max. Power Voltage Vmp (V)	45.30 45.72	45.50 45.92	45.70 46.12	45.90 46.32
Max. Power Current Imp (A)	10.15 8.12	10.22 8.18	10.28 8.23	10.35 8.28
Open Circuit Voltage Voc (V)	53.35 52.91	53.65 53.21	53.95 53.51	54.25 53.81
Short Circuit Current Isc (A)	10.94 8.81	10.98 8.84	11.02 8.87	11.06 8.90
Module Efficiency (%)	20.59 16.62	20.81 16.80	21.04 16.98	21.26 17.16

*STC (Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5 *Measurement Tolerance (±3.0%)

Inegrated Power @ STC (Refrence to 465W front)

Power Gains	5%	10%	15%	20%	25%
Max. Power Output Pmax (W)	488	512	534	557	580
Max. Power Voltage Vmp (V)	45.50	45.50	45.40	45.40	45.40
Max. Power Current Imp (A)	10.73	11.24	11.75	12.26	12.77
Open Circuit Voltage Voc (V)	53.65	53.65	53.75	53.75	53.75
Short Circuit Current Isc (A)	11.53	12.08	12.63	13.18	13.73

TEMPERATURE COEFFICIENTS

Temperature Coefficients of Pmp	-0.24%/ OC
Temperature Coefficients of Voc	-0.22%/ OC
Temperature Coefficients of Isc	+0.047%/ OC

MECHANICAL PARAMETERS

Cell Type	HJT 166x83mm
Number of Cells	144pcs(6x24)
Dimensions (L*W*H)	2132x1048x30mm
Weight	29.0kg
Frame	Anodised Aluminum
Junction Box	IP67, 3 bypass diodes
Cable, Length	4.0mm ² , 300mm

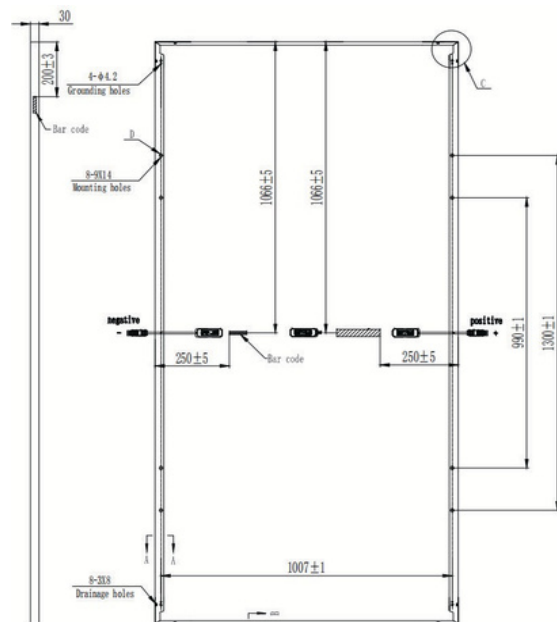
OPERATING CONDITION

Maximum System Voltage(V)	1500(DC)
Operating Temperature(OC)	-40~+85
Max. Wind Load / Snow Load(pa)	2400/5400
Max. Over Current(A)	20
Fire Rating	Class A
NOCT(OC)	45±2

PACKAGE INFORMATION

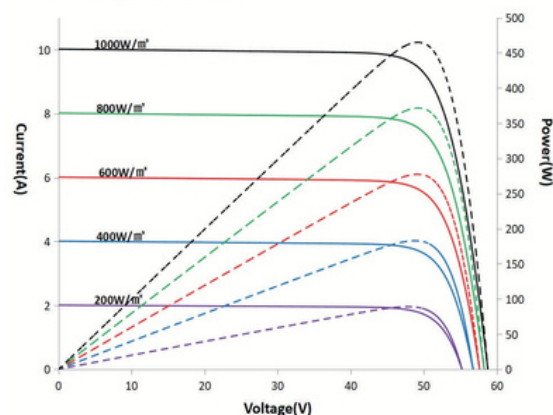
Container 40'HQ	700pcs
Quantity / Pallet	CTNR: 35pcs

ASSEMBLY DRAWING (Unit:mm)



I-V CURVES

Test temperature 25°C



Irradiance: AM1.5, 1000W/m²

