



# KOOKABURRA HJT THE GUARDIAN OF NATURE



AKCOME MODULE  
**KOOKABURRA  
SERIES**



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## HJT TECHNOLOGY HALF-CUT MODULE

**25**  
years

Product warranty on materials and workmanship

**30**  
years

Linear power output warranty



Over 22% Module Efficiency



Higher Efficiency in Hot Weather



Anti-PID / LID Design



Superior Environment Adaptability



Super-strong Dual Glass Module

# KOOKABURRA SERIES

## SK8610HDGDC-405W

HJT 9BB HALF-CUT BIFACIAL  
DUAL GLASS MODULE

### ELECTRICAL PARAMETERS @ STC

	385	390	395	400	405
Max. Power Output Pmax (W)	385	390	395	400	405
Max. Power Voltage Vmp (V)	37.86	38.05	38.24	38.43	38.62
Max. Power Current Imp (A)	10.17	10.25	10.33	10.41	10.49
Open Circuit Voltage Voc (V)	44.70	44.95	45.20	45.45	45.70
Short Circuit Current Isc (A)	10.92	10.99	11.06	11.13	11.20
Module Efficiency (%)	21.14	21.41	21.68	21.96	22.24

\*STC (Standard Test Condition): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5  
\*Measurement Tolerance (±3.0%)

### Inegrated Power @ STC (Reference to 385W front)

Power Gains	5%	10%	15%	20%	25%
Max. Power Output Pmax (W)	404	424	442	461	480
Max. Power Voltage Vmp (V)	37.86	37.86	37.76	37.76	37.76
Max. Power Current Imp (A)	10.68	11.19	11.70	12.20	12.71
Open Circuit Voltage Voc (V)	44.70	44.70	44.80	44.80	44.80
Short Circuit Current Isc (A)	11.47	12.01	12.56	13.10	13.65

### TEMPERATURE COEFFICIENTS

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

### MECHANICAL PARAMETERS

Cell Type	HJT 166x83mm
Number of Cells	120pcs(6x20)
Dimensions ( L*W*H )	1755x1038x30mm
Weight	22.8kg
Frame	Anodised Aluminum
Junction Box	IP67, 3 bypass diodes
Cable, Length	4.0mm <sup>2</sup> , 300mm

### OPERATING CONDITION

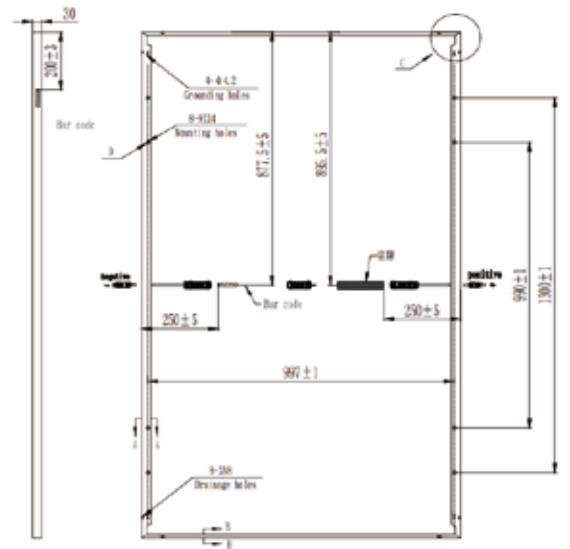
Maximum System Voltage(V)	1500(DC)
Operating Temperature(°C)	-40~+85
Max. Wind Load / Snow Load(pa)	2400/5400
Max. Over Current(A)	20
Power Tolerance	0~+3%
Fire Rating	Class A
NOCT(°C)	45±2
Bifaciality	85±5%

### PACKAGE INFORMATION

Container 40'HQ	910pcs
Quantity / Pallet	CTNR: 35pcs

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

### ASSEMBLY DRAWING (Unit: mm)



### I-V CURVES

