



KOOKABURRA SERIES THE GUARDIAN OF NATURE



AKCOME MODULE
**KOOKABURRA
SERIES**



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MONO PERC HALF-CUT MODULE

15
years

Product warranty on materials and workmanship

25
years

Linear power output warranty



High Efficiency



Excellent Low-Irradiance Performance



Harsh Environment Adaptability



Robust Mechanical Durability

KOOKABURRA SERIES

SK9612MHVC-550W

MONO 10BB HALF-CUT MODULE

ELECTRICAL PARAMETERS @ STC

Max. Power Output Pmax (W)	540	545	550
Max. Power Voltage Vmp (V)	41.96	42.06	42.16
Max. Power Current Imp (A)	12.87	12.96	13.05
Open Circuit Voltage Voc (V)	49.60	49.70	49.80
Short Circuit Current Isc (A)	13.74	13.84	13.94
Module Efficiency (%)	20.90	21.10	21.30

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

*Measurement Tolerance (±3.0%)

ELECTRICAL PARAMETERS @ NOCT

Max. Power Output Pmax (W)	402	405	409
Max. Power Voltage Vmp (V)	38.29	38.35	38.43
Max. Power Current Imp (A)	10.50	10.58	10.66
Open Circuit Voltage Voc (V)	46.12	46.21	46.31
Short Circuit Current Isc (A)	11.10	11.18	11.26

*NOCT(Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

TEMPERATURE COEFFICIENTS

Temperature Coefficients of Pmp	-0.36%/°C
Temperature Coefficients of Voc	-0.29%/°C
Temperature Coefficients of Isc	+0.048%/°C

MECHANICAL PARAMETERS

Cell Type	Mono 182x91mm
Number of Cells	144pcs(6x24)
Dimensions (L*W*H)	2278x1134x35mm
Weight	28.6kg
Frame	Anodised Aluminum
Junction Box	IP68, 3 bypass diodes
Cable, Length	4.0mm ² , 300mm
Conenctors	Stäubli:PV-KS(B)T4-EVO2/XY_UR

OPERATING CONDITION

Maximum System Voltage(V)	1500(DC)
Operating Temperature(°C)	-40~+85
Max. Wind Load / Snow Load(pa)	1600/3600 (Mechanical Load Safety Factor 1.5)
Max. Over Current(A)	25
Power Tolerance	0~+3%
Application Class	Class A
Fire Rating	Class C
NOCT(°C)	45±2

PACKAGE INFORMATION

Container 40'HQ	620pcs
Quantity / Pallet	31pcs

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

Certificate holder: Suzhou Akcome Optronics Science & Technology Co., Ltd.

Akcome Energy Australia Pty Ltd

Email: businesses@akcome.com.au Phone: 1300 553 188

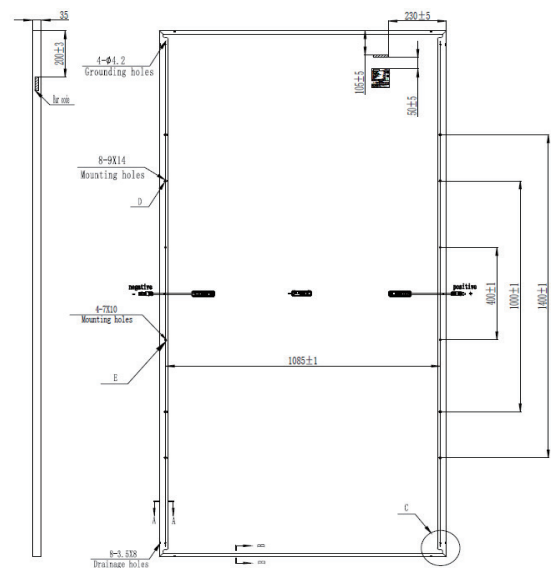


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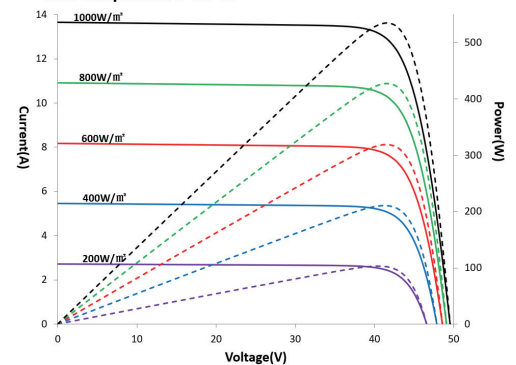
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ASSEMBLY DRAWING (Unit: mm)

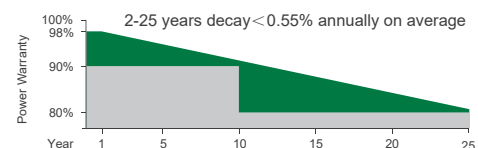
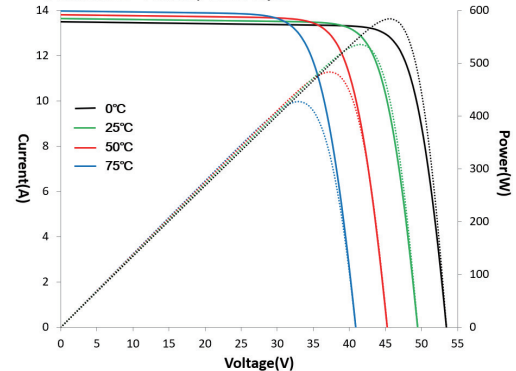


I-V CURVES

Test temperature 25°C



Irradiance: AM1.5, 1000W/m²



Made in China

