



KOOKABURRA SERIES THE GUARDIAN OF NATURE



AKCOME MODULE
**KOOKABURRA
SERIES**



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MONO PERC 1/3-CUT MODULE

25
years

Product warranty on materials and workmanship

25
years

Linear power output warranty

*Subject to the terms and conditions contained in the applicable Warranty Statement. Also this 25-year limited product warranty is available only for products installed and operating on residential rooftops in Australia.



High Efficiency



Excellent Low-Irradiance Performance



Anti-PID Design



Harsh Environment Adaptability



Robust Mechanical Durability

KOOKABURRA SERIES

SKA508MHVC-415W

MONO 9BB 1/3-CUT MODULE

ELECTRICAL PARAMETERS @ STC

Parameter	400	405	410	415
Max. Power Output Pmax (W)	400	405	410	415
Max. Power Voltage Vmp (V)	34.20	34.40	34.60	34.80
Max. Power Current Imp (A)	11.70	11.77	11.85	11.93
Open Circuit Voltage Voc (V)	41.20	41.40	41.60	41.80
Short Circuit Current Isc (A)	12.28	12.34	12.41	12.48
Module Efficiency (%)	20.81	21.06	21.33	21.60

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

*Measurement Tolerance (±3.0%)

ELECTRICAL PARAMETERS @ NOCT

Parameter	298	302	306	310
Max. Power Output Pmax (W)	298	302	306	310
Max. Power Voltage Vmp (V)	31.81	31.98	32.31	32.52
Max. Power Current Imp (A)	9.37	9.43	9.47	9.53
Open Circuit Voltage Voc (V)	38.39	38.58	38.89	39.07
Short Circuit Current Isc (A)	9.92	9.97	10.01	10.06

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

TEMPERATURE COEFFICIENTS

Temperature Coefficients of Pmp	-0.34%/°C
Temperature Coefficients of Voc	-0.25%/°C
Temperature Coefficients of Isc	+0.040%/°C

MECHANICAL PARAMETERS

Cell Type	Mono 210x70mm
Number of Cells	120pcs(5x24)
Dimensions (L*W*H)	1754x1096x30mm
Weight	21.2kg
Frame	Anodised Aluminum
Junction Box	IP68, 3 bypass diodes
Cable, Length	4.0mm ² , 1100mm
Conenctors	Stäubli:PV-KS(B)T4-EVO2/XY_UR

OPERATING CONDITION

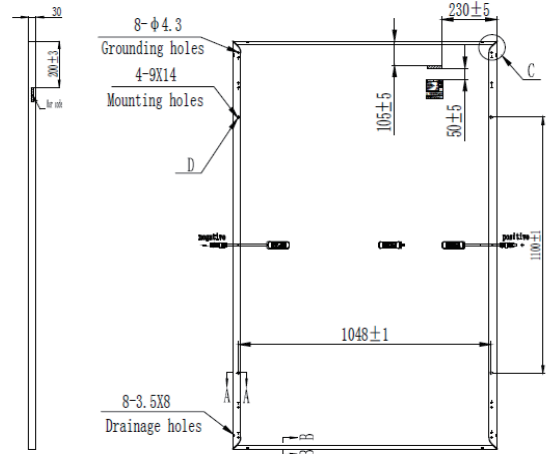
Maximum System Voltage(V)	1500(DC)
Operating Temperature(°C)	-40~+85
Max. Wind Load / Snow Load(pa)	1600/3600 (Mechanical Load Safety Factor 1.5)
Max. Over Current(A)	20
Power Tolerance	0~+3%
Application Class	Class A
Fire Rating	Class C
NOCT(°C)	45±2

PACKAGE INFORMATION

Container 40'HQ	936pcs
Quantity / Pallet	36pcs

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

ASSEMBLY DRAWING (Unit: mm)



I-V CURVES

