

SK6610MHVC

330/340/345W

120 CELLS

MONO 9BB HALF-CELL

1500V MODULE



PRODUCT FEATURES



High Efficiency

Output efficiency up to 20.5%, 0~3% positive power tolerance
Maximum system voltage 1500V, effectively reduce the cost of BOS
9-busbars collect the current better



Excellent Low-Irradiance Performance

Superior electricity generation and temperature stability under low light conditions



Robust Mechanical Durability

Strong mechanical durability of 3600Pa snow load, 1600Pa wind load



COMPANY PROFILE

Akcome Optronics is a leading manufacturer and service provider of professional photovoltaic cells and modules that can be widely utilized in residence, commerce and ground photovoltaic plant. Founded in 2010, and became wholly-owned subsidiary of Jiangsu Akcome Science & Technology Co., Ltd. (002610).

Akcome Optronics provides PV products with exceptional power output and reliability by integrating rigorous design, advanced production technology and fully automatic production equipment. Strict quality control and test standards confirm its pursuit of high quality output.

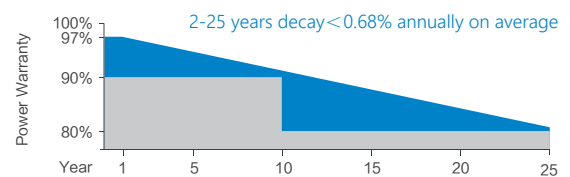
LINEAR PERFORMANCE WARRANTY

12 years

Product warranty on materials and workmanship

25 years

Linear power output warranty



CERTIFICATES

IEC 61215 / IEC 61730

ISO 9001: 2015

Quality Management System

ISO 14001: 2015

Environmental Management System

OHSAS 18001: 2007

Occupational Health & Safety Management System

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



SK6610MHVC 330/340/345W

ELECTRICAL PARAMETERS @ STC

Parameter	330	340	345
Max. Power Output Pmax (W)	330	340	345
Power Tolerance	0~+3%	0~+3%	0~+3%
Max. Power Voltage Vmp (V)	34.1	34.5	34.7
Max. Power Current Imp (A)	9.69	9.85	9.93
Open Circuit Voltage Voc (V)	41.3	41.7	41.9
Short Circuit Current Isc (A)	10.14	10.30	10.38
Module Efficiency (%)	19.6	20.2	20.5

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

ELECTRICAL PARAMETERS @ NOCT

Parameter	245	248	252
Max. Power Output Pmax (W)	245	248	252
Max. Power Voltage Vmp (V)	31.4	31.6	31.8
Max. Power Current Imp (A)	7.82	7.89	7.92
Open Circuit Voltage Voc (V)	37.4	37.6	37.7
Short Circuit Current Isc (A)	8.37	8.44	8.50

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

TEMPERATURE COEFFICIENTS

Temperature Coefficients of Pmp	-0.39%/°C
Temperature Coefficients of Voc	-0.30%/°C
Temperature Coefficients of Isc	+0.050%/°C

MECHANICAL PARAMETERS

Cell Type	Mono 158.75x79.38mm
Number of Cells	120pcs(6x20)
Dimensions (L*W*H)	1684x1002x35mm
Weight	19kg
Frame	Anodised Aluminum
Junction Box	IP67, 3 bypass diodes
Cable, Length	4.0mm ² , 300mm
Conectors	JM601A & PV-KS(B)T4/xy-UR-EVO2

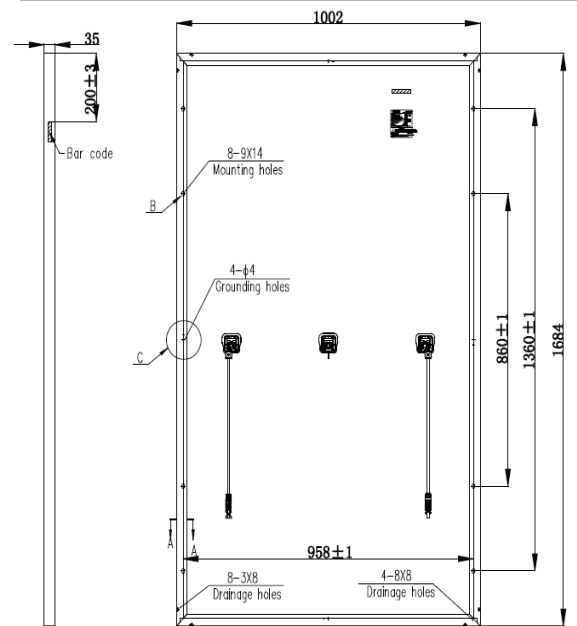
OPERATING CONDITION

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
Application Class	Class A
Fire Rating	Class C
NOCT(°C)	45±2

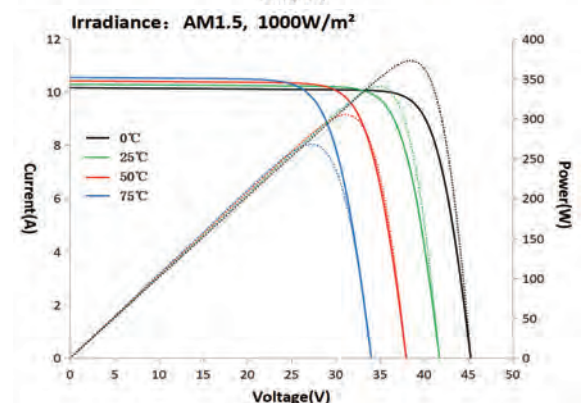
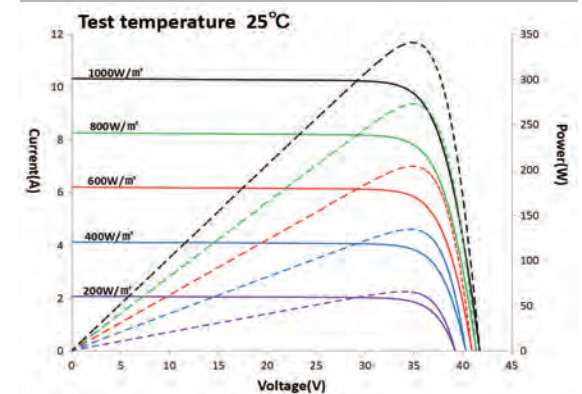
PACKAGE INFORMATION

Container 40'HQ	360/ 780/ 845pcs
Quantity / Pallet	CTNR: 30, 30+5pcs

ASSEMBLY DRAWING (Unit: mm)



I-V CURVES / SK6610MHVC-340



SUZHOU AKCOME OPTRONICS SCIENCE & TECHNOLOGY CO.,LTD.

Add: No. 110 Jintang Road, Zhangjiagang Economic and Technical Development Zone, Jiangsu P.R. China

Tel: 400-101-7000

Email: modulesales@akcome.com

www.akoptronics.com

