

Fotovoltaické panely určené pro přístřešky na auta model

W-PILÍŘE

JBG^{PV}

Window Std 60

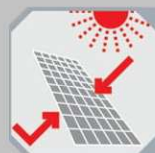
JBG2-MF60BGF



Vyrobeno v
Evropské unii



5 Busbar
hladké spojení



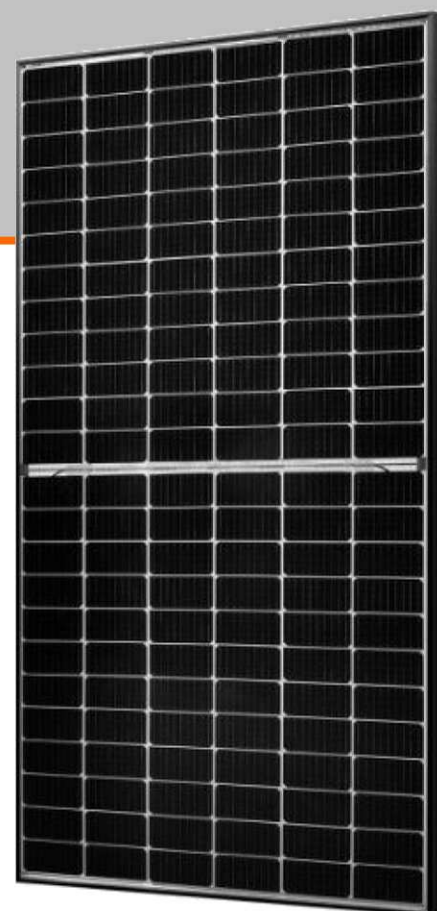
BiFacial
oboustranné panely

Alternativní FV panel:



HC-CHASER-M6/120P

AKCOME 380 Wp MONO



Window Std 60

JBG2-MF60BGF

Sky Std 60

JBG2-MF60BGN

JBG^{PV}

MONOKRYSTALICKÝ MODUL



320
Wp

Výkon
typická hodnota

19,8
%

Účinnost

42/26
mm

Rozměr tloušťky



Vyrobeno v EU
MADE IN UE



Busbar



Technika



Systémové napětí



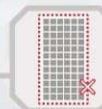
Antireflexní



BiFacial



Glass - Glass



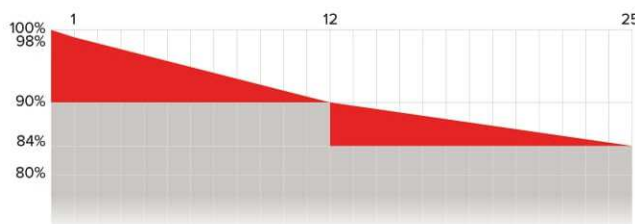
Bez rámu



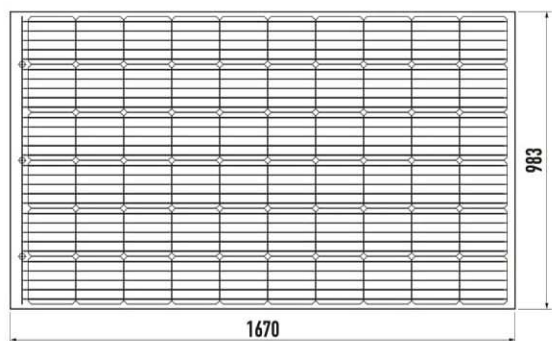
Let záruky na produkt
Year product warranty



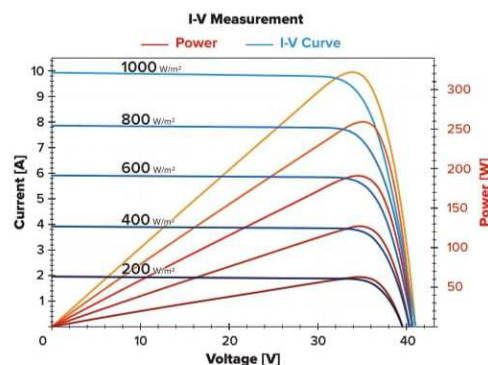
Let záruky na účinnost
Year linear power warranty



TECHNICKÝ VÝKRES ENGINEERING DRAWINGS



TECHNICKÁ CHARAKTERISTIKA ELECTRICAL CHARACTERISTICS



SPECIFIKACE • SPECIFICATIONS

Elektrické parametry dle STC 1000 W/m², 25°C teplota článku, AM1,5 podle EN60904-3

Electrical Performance by STC 1000 W/m², 25°C cell temperature, AM1,5 by EN60904-3

MODEL	JBG2-MF60BGN-320 JBG2-MF60BGF-320	JBG2-MF60BGN-315 JBG2-MF60BGF-315	JBG2-MF60BGN-310 JBG2-MF60BGF-310	JBG2-MF60BGN-305 JBG2-MF60BGF-305	JBG2-MF60BGN-300 JBG2-MF60BGF-300
Power	320 Wp	315 Wp	310 Wp	305 Wp	300 Wp
Power tolerance	0/+4,9 W	0/+4,9 W	0/+4,9 W	0/+4,9 W	0/+4,9 W
Voltage at maximum power point	V_{mpp} 33,80 V	33,50 V	33,15 V	32,25 V	31,92 V
Current at maximum power point	I_{mpp} 9,48 A	9,41 A	9,40 A	9,43 A	9,42 A
Open Circuit Voltage	V_{oc} 39,44 V	39,44 V	39,44 V	39,44 V	39,44 V
Short Circuit Current	I_{sc} 9,80 A	9,80 A	9,80 A	9,80 A	9,80 A
Power measurement tolerance	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%
Module efficiency	19,8%	19,22%	19,00%	18,54%	18,33%

Mechanická data

Mechanical Characteristics

Dimensions	1676 x 989 x 42 mm / 1670 x 983 x 26 mm
Weight	22 / 20 kg
Number and type of cell	60, MONO, PERC, M2
Glass	Antireflex Solar Glass, 2 x 2 mm Aluminium anodowane, srebro / Bez ramy Anodized Aluminium Alloy, silver / No frame Eloxiertes Aluminium, Silber / Ohne Rahmen
Frame	IP67, 3 diody / diodes / Dioden
JBox	3 diody / diodes / Dioden
Output cables and connector	4,0 mm², 500 mm, MC4
Encapsulant	POE

Teplotní koeficienty

Thermal Characteristics

Temperature coefficient of P_{max}	-0,38 %/K
Temperature coefficient of V_{oc}	-0,33 %/K
Temperature coefficient of I_{sc}	0,04 %/K

STC: 1000 W/m² Irradiance

25°C Cell Temperature

AM=1,5

CHASER-M6/120P

355-375W

MONO 9BB HALF-CUT MODULE

HC-Chaser

SK8610MC

1.6°C

It's temperature is 1.6°C lower than that of the conventional module

4%

4% more energy generation

volteco
FOTOVOLTAIKA



Half-Cut technique leads to increased power output

When the cells are cut into halves, the current are also halved, which enables less internal loss. Series-parallel wiring improves power performance. The working temperature of module and junction box are lower than that of conventional types, which effectively reduces the hot spot risk and reduces overall module damage.



Series-parallel wiring mode results in reduced shading loss

Series-parallel wiring will not only reduce power loss from shade but also improves the effective use of supports and space.



Excellent temperature performance

The temperature of HC module is 1.6 °C lower than that of the conventional module under the same working condition, which results less power loss.



Reduced encapsulation loss due to reduced current

HC module is of lower current and lower CTM loss at around 0.2%, while the CTM loss of conventional module is 1%.

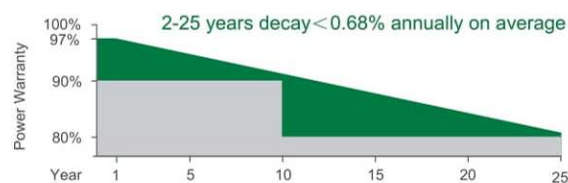
LINEAR PERFORMANCE WARRANTY

15
years

Product warranty on materials and workmanship

25
years

Linear power output warranty



CERTIFICATES

ISO 9001: 2015
Quality Management System

IEC 61215 / IEC 61730

ISO 14001: 2015
Environmental Management System

OHSAS 18001: 2007
Occupational Health &
Safety Management System

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



All black /
Black frame module

Appealing Exterior



ELECTRICAL PARAMETERS @ STC

Max. Power Output Pmax (W)	355	360	365	370	375
Max. Power Voltage Vmp (V)	33.18	33.49	33.80	34.11	34.41
Max. Power Current Imp (A)	10.70	10.75	10.80	10.85	10.90
Open Circuit Voltage Voc (V)	40.92	41.23	41.54	41.85	42.15
Short Circuit Current Isc (A)	11.22	11.27	11.32	11.37	11.42
Module Efficiency (%)	19.19	19.46	19.73	20.00	20.27

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

*Measurement Tolerance (±3.0%), Sorting/Binning Tolerance (0-5W)

ELECTRICAL PARAMETERS @ NOCT

Max. Power Output Pmax (W)	263	267	270	274	278
Max. Power Voltage Vmp (V)	30.93	31.20	31.44	31.71	31.97
Max. Power Current Imp (A)	8.50	8.54	8.60	8.64	8.68
Open Circuit Voltage Voc (V)	37.85	38.13	38.41	38.69	38.96
Short Circuit Current Isc (A)	9.07	9.11	9.15	9.19	9.23

*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 166x83mm
Number of Cells	120pcs(6x20)
Dimensions (L*W*H)	1765x1048x35mm
Weight	21.1kg
Frame	Anodised Aluminum
Junction Box	IP67, 3 bypass diodes
Cable, Length	4.0mm ² , 300mm
Connector	Renhe:05-8, Chuangyuan:PV-CY03L, Stäubli:PV-KS(B)T4/XY_UR

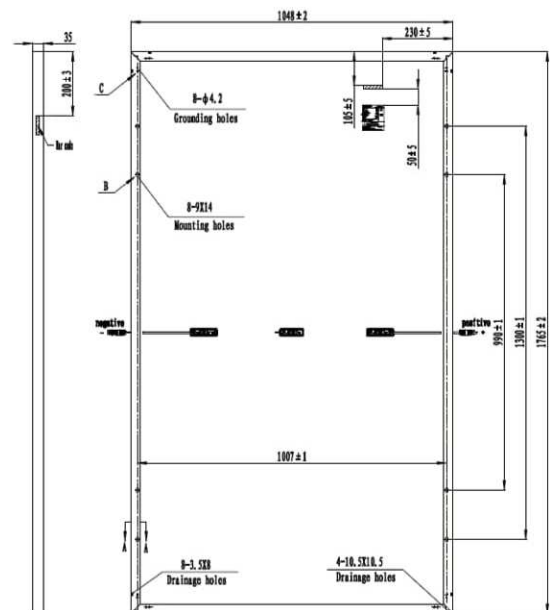
OPERATING CONDITION

Maximum System Voltage(V)	1000(DC)
Operating Temperature(°C)	-40~+85
Max. Wind Load / Snow Load(pa)	2400/5400
Max. Over Current(A)	20
Application Class	Class A
Fire Rating	Class C
NOCT(°C)	45±2

PACKAGE INFORMATION

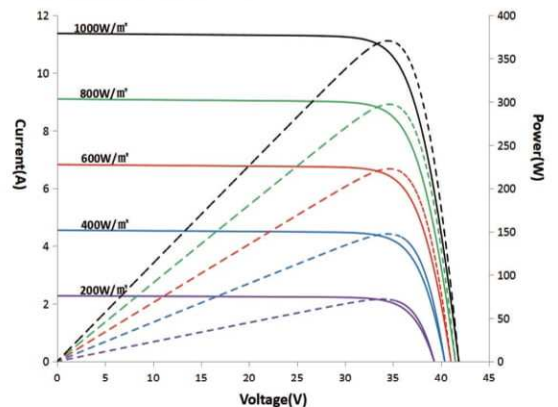
Container 40'HQ	845pcs
Quantity / Pallet	CTNR: 31pcs

ASSEMBLY DRAWING (Unit:mm)



I-V CURVES

Test temperature 25°C



Irradiance: AM1.5, 1000W/m²

