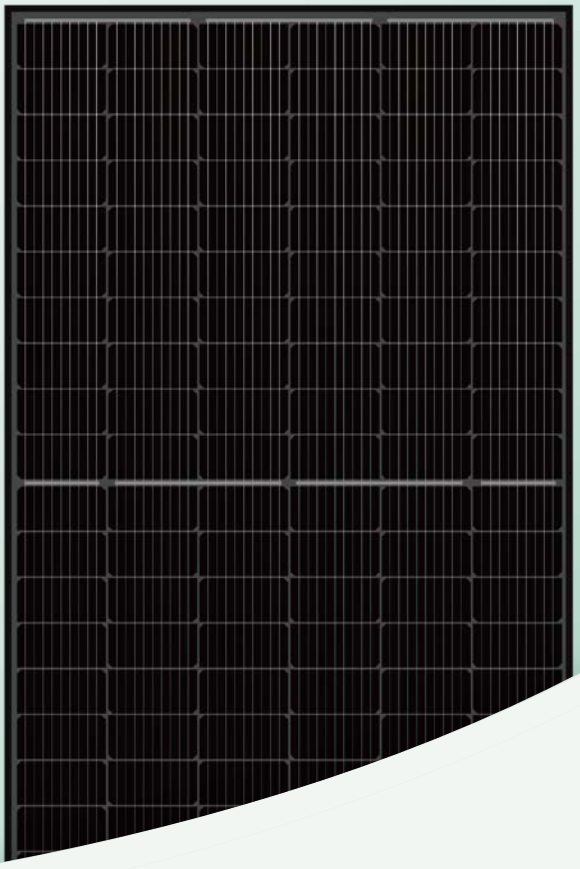
SP370M-60HB Black

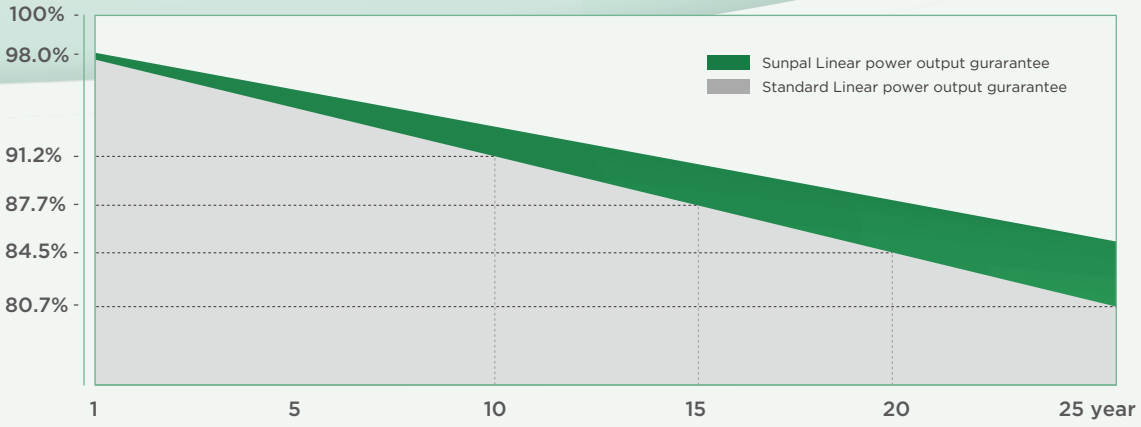
345~370W



High Efficiency Low LID Mono PERC with MBB & Half-cut Technology

Quality Guarantee

12-year Warranty for Materials and Processing
25-year Warranty for Extra Linear Power Output



20.3%
Max Module Eff.

0~+5W
Positive Tolerance

Complete System and Product Certifications

IEC 61215, IEC 61730, UL 61730
ISO 9001:2008: ISO Quality Management System
ISO 14001: 2004: ISO Environment Management System
OHSAS 18001: 2007 Occupational Health and Safety

* Specifications subject to technical changes and tests. Sunpal Solar reserves the right of interpretation.

Positive power tolerance (0 +5W) guaranteed

High module conversion efficiency (up to 20.3%)

Slower power degradation enabled by Low LID Mono PERC technology: first year <2%, 0.55% year 2-25

Solid PID resistance ensured by solar cell process optimization and careful module BOM selection

Reduced resistive loss with lower operating current

Higher energy yield with lower operating temperature

Reduced hot spot risk with optimized electrical design and lower operating current

Sunpal
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Add: West Changjiang Road,Shushan District, Hefei City,Anhui Province,China.
Email: info@sunpalpower.com **Tel:** +86 551 6586 5992
WhatsApp: +86 180 5513 2023 **Web:** www.sunpalsolar.com

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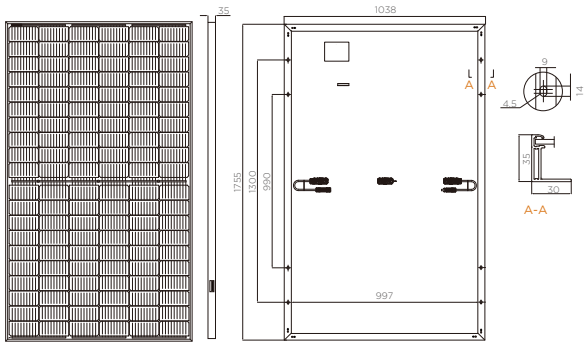
Black **SP370M-60HB 345~370W**

Design (mm)



*Units: mm *Tolerance: ±2mm

Cell Orientation	120 (6x20)
Junction Box	IP68, three diodes
Output Cable	4mm², 300mm in length,
	length can be customized
Glass	Single glass
	3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight:	19.5kg
Dimension	1755x1038x35mm
Packaging	30pcs per pallet
	180pcs per 20'GP
	780pcs per 40'HC

Operational Temperature	-40°C~+85°C
Power Output Tolerance	0~+5W
Voc & Isc Tolerance	±3%
Max. System Voltage	DC1000V(IEC/UL)
Max. Series Fuse Ratin	20A
NOCT	45±2°C
Safety Class	II
Fire Rating	UL type 1 or 2
Max. Static Load(Front)	5400Pa
Max. Static Load(Back)	2400Pa

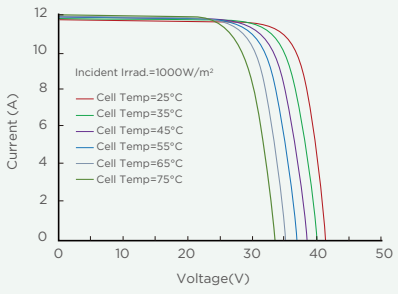
Electrical Characteristics

Model Number	SP345M-60HB		SP350M-60HB		SP355M-60HB		SP360M-60HB		SP365M-60HB		SP370M-60HB	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	345	257.6	350	261.4	355	265.1	360	268.8	365	268.8	370	276.3
Open Circuit Voltage (Voc/V)	40.2	37.7	40.4	37.9	40.6	38.1	40.8	38.2	41.0	38.2	41.2	38.6
Short Circuit Current (Isc/A)	11.06	8.95	11.16	9.02	11.25	9.09	11.33	9.16	11.41	9.16	11.50	9.30
Voltage at Maximum Power (Vmp/V)	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.4	35.0	32.4	35.2	32.8
Current at Maximum Power (Imp/A)	10.09	8.09	10.18	8.16	10.27	8.23	10.35	8.30	10.43	8.30	10.52	8.43
Module Efficiency(%)	19.2		19.2		19.5		19.8		20.0		20.3	
Temperature Coefficient of Isc	+0.048%/°C											
Temperature Coefficient of Voc	-0.270%/°C											
Temperature Coefficient of Pmax	-0.350%/°C											

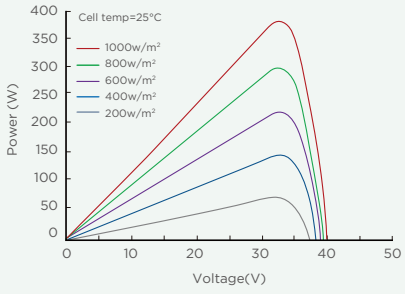
* STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, Spectra at AM1.5
* NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/S
*Test uncertainty for Pmax: ±3%

I-V Curve

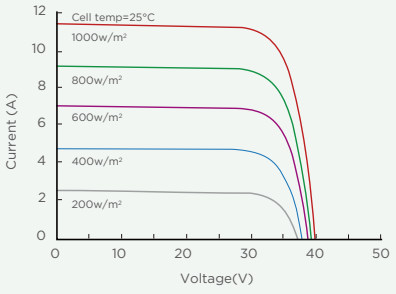
Current-Voltage Curve(SP365M-60HB)



Current-Voltage Curve(SP365M-60HB)



Current-Voltage Curve(SP365M-60HB)



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