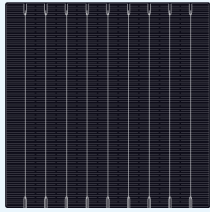
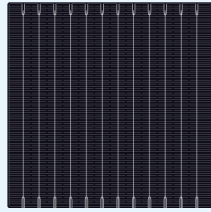


# 315-340 Watt LS-B60

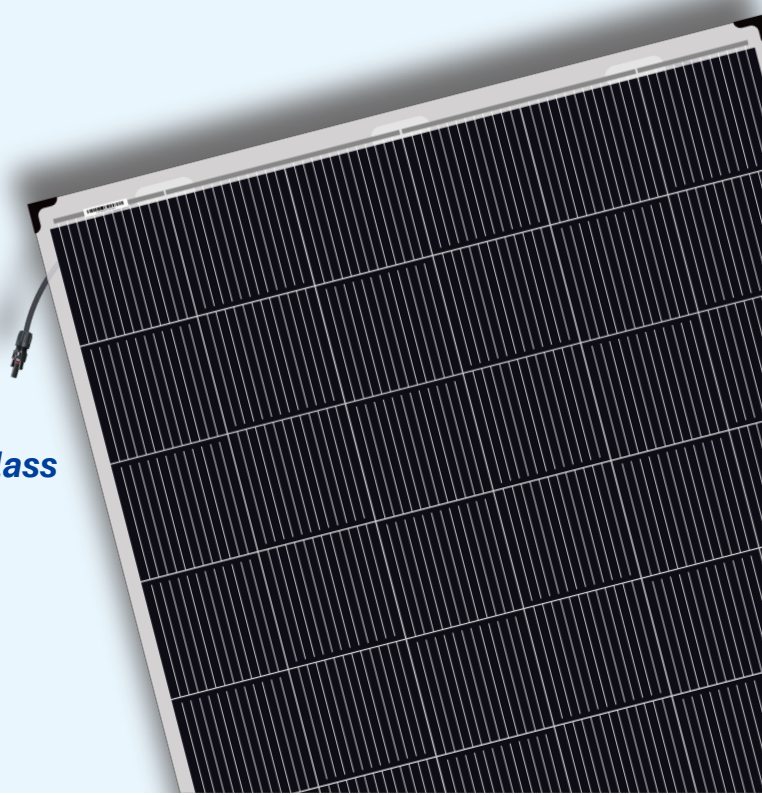
**Full-Cell MBB MONO PERC Bifacial Dual-Glass**



9BB



12BB



## KEY FEATURES



**Multi Busbar Solar Cell**  
Stronger current collection ability, Special circuit design with much lower hot spot temperature;



**Module efficiency up to 20.20%**  
Higher power brings lower kilowatt-hour cost, higher lifetime generating capacity, simultaneously lower annual power attenuation;



**PID Resistant**  
PID free, due to the POE material and double glass design, also can be improved to meet higher standards for the particularly harsh environment;



**Low-Light Performance**  
Excellent power generation performance under Low-Light condition due to multi busbar;



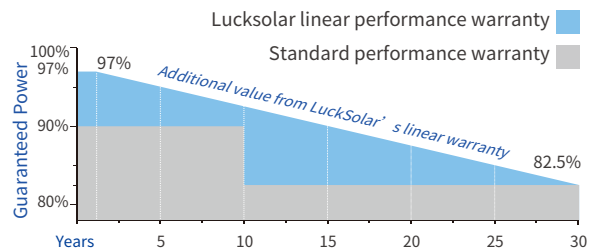
**Anti-Crack**  
Excellent anti-microcracking performance with more balanced interior stress;



**Strength and Durability**  
Certified for 5400Pa snow and 2400Pa loads test;

## Linear Performance Warranty

15 Years Product Warranty · 30 Years Linear Power Warranty



## Product And Quality Certifications

ISO 9001:2008  
ISO 14001:2004  
OHSAS 18001:2007



HQ: No.99, Longxi Avenue, Zhulin Town, Jintan District, Changzhou. Division: No.16, Zhouzhuang Technology Park, Jiepai Town, Binhai County, Yancheng.

Luck Solar is the world's leading green energy provider, committed to making clean energy illuminate every corner of the world. We strive to provide high-efficiency, high-quality and low-cost clean energy solutions. Luck Solar insists on continuous innovation around customer needs. We invest heavily in technology research, and promotes green energy in the world.

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## ELECTRICAL SPECIFICATIONS

Module Type	LS-B60		LS-B60		LS-B60		LS-B60		LS-B60		LS-B60	
	Front	Back	Front	Back	Front	Back	Front	Back	Front	Back	Front	Back
Testing Condition												
Rated output (Pmp/Wp)	315	235	320	240	325	244	330	247	335	250	340	253
Rated voltage (Vmp/V)	33.2	33.3	33.4	33.6	33.6	33.8	33.8	34.0	34.0	34.2	34.2	34.4
Rated current (Imp/A)	9.49	7.06	9.58	7.15	9.68	7.22	9.77	7.27	9.86	7.32	9.95	7.37
Open circuit voltage (Voc/V)	40.5	40.0	40.7	40.3	40.9	40.5	41.1	40.7	41.3	40.9	41.5	41.1
Short circuit current (Isc/A)	9.89	7.39	9.97	7.48	10.05	7.55	10.14	7.61	10.22	7.68	10.30	7.75
Module efficiency (%)	18.71%	13.96%	19.01%	14.26%	19.31%	14.49%	19.60%	14.67%	19.90%	14.85%	20.20%	15.03%
Power Tolerance (W)	0~+5		0~+5		0~+5		0~+5		0~+5		0~+5	

Standard Test Condition(STC): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM1.5

## TEMPERATURE CHARACTERISTICS

NOCT Temperature	44°C ±2°C
Temperature Coefficient (Pmax)	-0.39%/°C
Temperature Coefficient (Voc)	-0.30%/°C
Temperature Coefficient (Isc)	0.06%/°C

## MAXIMUM RATINGS

Maximum system voltage (IEC)	1500V DC
Snow/Wind	5400Pa/2400Pa
Operating Temperature	-40°C ~ +85°C
Maximum series fuse rating	20A

## MECHANICAL SPECIFICATIONS

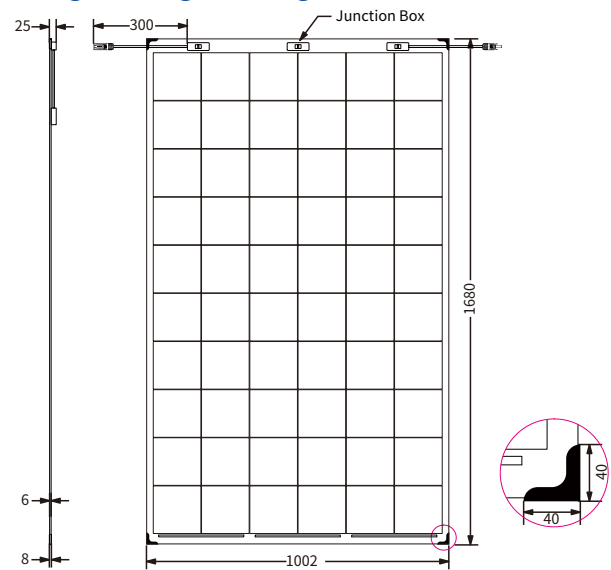
Cell Type	12BB/9BB MONO 158.75×158.75mm
No. of Cells	60 (6×10)
Dimensions	1680×1002×6mm
Weight	23kg
Front Glass	2.5mm, Anti-Reflection Coating
Back Glass	2.5mm, heat strengthened glass
Junction Box	IP67/IP68, 3 diodes
Output Cables	4mm <sup>2</sup> , Length 300mm
Connector type	MC4 compatible

## PACKING CONFIGURATIONS

Per Pallet	30 Pcs
Per 20' GP Container	360 Pcs
Per 40' HQ Container	910 Pcs

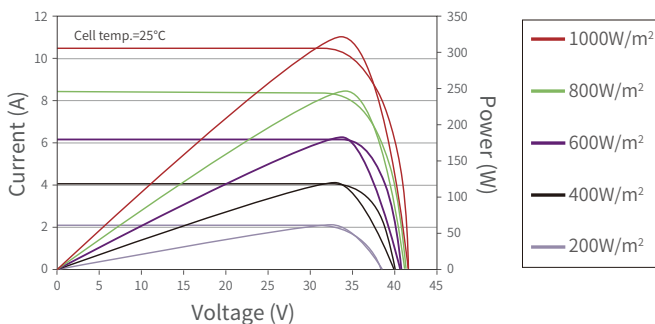
## ENGINEERING DRAWINGS

### Engineering Drawings



## CURVE & TEMPERATURE DEPENDENCE

### I-V CURVE (320W)



### Current-Voltage curves (320W)

