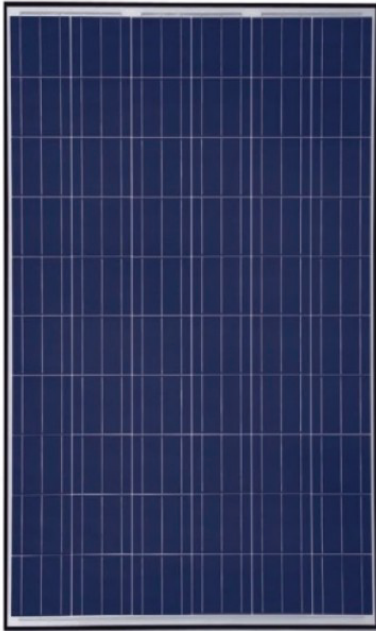


OpalSolar

Mining Sunshine



Black Opal

SJ 250-265 P6P

MULTICRYSTALLINE SILICON MODULE

Key Features



Multicrystalline modules designed for residential commercial and utility applications, rooftop or ground mount



High output, 16.21% highest conversion efficiency



Designed for IEC DC 1000V applications



Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



Outstanding performance in low-light irradiance environments



Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)



High salt and ammonia resistance certified by TÜV NORD

Energy is precious

We named our panel after an Australian Precious Gem. Designed by Australians, for Australian Conditions.

The Opal Solar Panel was introduced in 2014, backed by one of the largest solar companies in Australia.

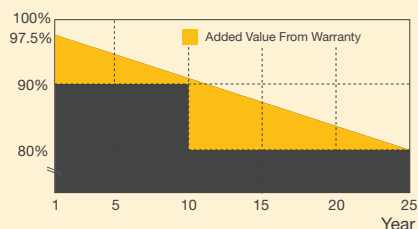
Opal Solar has quickly become one of the leading panels sold in Australia. Opal Solar only work with Tier 1 listed OEM solar companies on the NYSE/Nasdaq to manufacture the Opal Solar Range.

Back to back warranty agreements are in place to provide piece of mind. At Opal Solar we see our solar panels as a tool to mine the sun, hence our company slogan is "Mining Sunshine"

For more information please visit www.opalsolar.com.au

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



www.opalsolar.com.au

Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) Resistant

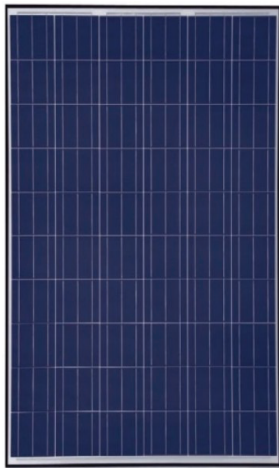
Comprehensive Certificates

- IEC 61215, IEC 61730, UL1703, CEC Listed, MCS and CE
- ISO 9001: 2008: Quality management systems
- ISO 14001: 2004: Environmental management systems
- BS OHSAS 18001: 2007: Occupational health and safety management systems

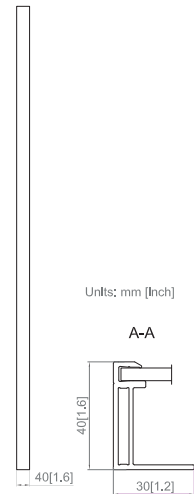
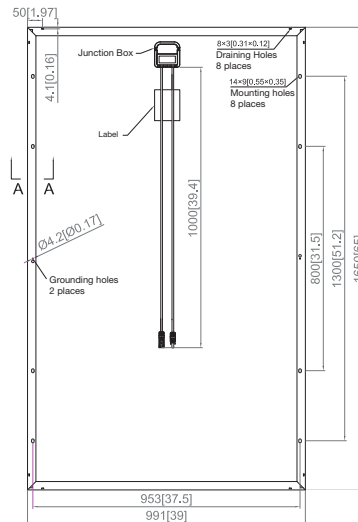


CEC Approved:
 Certificate Holder: Solar Juice Pty Ltd.
 Model Number:
 SJ 250P63BB-60-01; SJ 255P63BB-60-01;
 SJ 260P63BB-60-01; SJ 265P63BB-60-01;

Specifications subject to technical changes and tests. Opal Solar reserves the right of final interpretation.



Standard J-BOX design



Units: mm [Inch]

■ customized cable length available upon request

MECHANICAL PARAMETERS

Cell (mm)	Poly 156x156
Weight (kg)	18.2 (approx)
Dimensions (LxWxH) (mm)	1650x991x40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	60 (6x10)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	26 Per Pallet

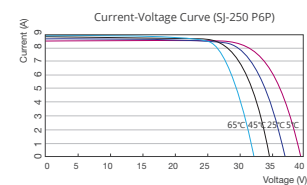
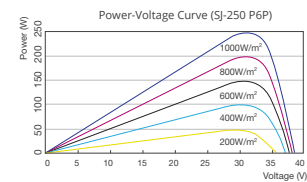
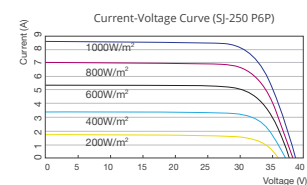
WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind)	5400Pa (112 lb/ft ²)
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	SJ 250 P6P	SJ 255 P6P	SJ 260 P6P	SJ 265 P6P
Rated Maximum Power at STC (W)	250	255	260	265
Open Circuit Voltage (Voc/V)	37.66	37.82	37.98	38.14
Maximum Power Voltage (Vmp/V)	29.94	30.29	30.63	30.96
Short Circuit Current (Isc/A)	8.92	8.98	9.04	9.10
Maximum Power Current (Imp/A)	8.35	8.42	8.49	8.56
Module Efficiency [%]	15.29	15.59	15.90	16.21
Power Tolerance (W)		-0~+5W		
Temperature Coefficient of Isc (αIsc)		+0.058%/°C		
Temperature Coefficient of Voc (βVoc)		-0.330%/°C		
Temperature Coefficient of Pmax (γPmp)		-0.430%/°C		
STC	Irradiance 1000W/m ² , Module Temperature 25°C, Air Mass 1.5			

I-V CURVE



NOCT

TYPE	SJ 250 P6P	SJ 255 P6P	SJ 260 P6P	SJ 265 P6P
Max Power (Pmax) [W]	181.50	185.13	188.76	192.39
Open Circuit Voltage (Voc) [V]	34.61	34.68	34.76	34.87
Max Power Voltage (Vmp) [V]	27.42	27.71	28.05	28.42
Short Circuit Current (Isc) [A]	7.13	7.18	7.21	7.24
Max Power Current (Imp) [A]	6.62	6.68	6.73	6.77
Condition	Under Normal Operating Cell Temperature, Irradiance of 800 W/m ² , spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s			

Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.