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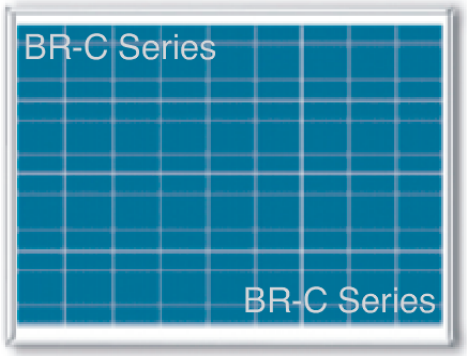
Photovoltaic High Efficiency Mono-Crystalline Module BR-C Series*.

The BR-C Series Mono-Crystalline. Multi-contact waterproof connectors and front high transmission >92%, 3.2mm tempered glass makes this module series a very cost effective option for a Wide range of applications.

The BR-C Series module uses Mono-Crystalline technology. Encapsulation beneath high transmission tempered glass is accomplished using an advanced, UV resistant thermal setting plastic. The encapsulant, ethylene vinyl acetate, cushions the solar cells within the laminate and protect the cells from etching. The rear surface of the module is completely sealed from moisture and mechanical damage by a continuous high strength polymer sheet.

The BR-C Series is using a reinforced anodized aluminum frame, designed to meet High Quality Standards for corrosion resistance. With a tolerance of +/-3%, the BR-C Series module ensures more power in multi module installations.

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Module	BR-C150	BR-C160	BR-C170	BR-C180	BR-C185
Max Power (Pm)	150W	160W	170W	180W	185W
Open circuit voltage (Voc)	43.5V	43.8V	44.1V	44.6V	44.8V
Short circuit current (Isc)	4.86A	4.96A	5.09A	5.22A	5.26A
Max Power voltage (Vm)	34.2V	35.3V	36.5V	37.6V	37.8V
Max Power current (Im)	4.39A	4.55A	4.66A	4.79A	4.89A
Tolerance of the rating Power	±3%				

(STC) Standard test conditions: Irradiance 1000w/m^2 AM 1.5 Module temperature 25°C

Cell	Mono-Crystalline Silicon				
Number of cells and connection	72 in Series				
Cell efficiency	14.15%	15.10%	16.05%	16.95%	17.45%
Module efficiency	11.46%	12.23%	13.00%	13.73%	14.13%
Max System voltage	DC 1000V				
Max Series fuse rating	10A				
Module operating temperature	-45 TO 85°C				
Weight	16 Kg				
Dimensions (H x W x D)	1580x808x35mm				

Warranty

Limited warranty 1 year covering defects in workmanship or materials.
20-year performance.
Power: Up to 12% and 20% higher.
Voltage: Up to 6% higher.
Current: Up to 14% higher.
Short-circuit current: Up to 5% higher.

*This publication summarizes product warranty and specifications, which are subject to change without notice and should not be used as the definitive source of information for final system design. Branded.