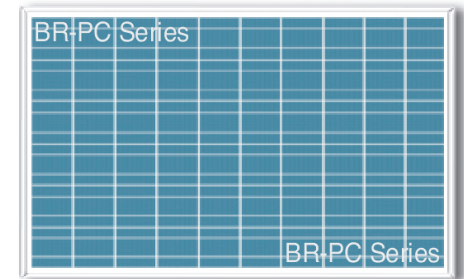


Photovoltaic High Efficiency Poly-Crystalline Module BR-PC Series*

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



Module	BR-PC170	BR-PC180	BR-PC190	BR-PC200	BR-PC220
Max Power (Pm)	170W	180W	190W	200W	220W
Open circuit voltage (Voc)	29.5V	29.0V	32.8V	32.9V	36.2V
Short circuit current (Isc)	8.15A	8.46A	7.99A	8.22A	8.38A
Max Power voltage (Vm)	23.0V	23.0V	26.0V	26.0V	29.0V
Max Power current (Im)	7.40A	7.38A	7.35A	7.61A	7.59A
Tolerance of the rating Power	±3%				
(STC) Standard test conditions: Irradiance 1000w/m ² AM 1.5 Module temperature 25°C					
Cell	Poly-Crystalline Silicon 156 x 156				
Number of cells and connection	48 in series	48 in series	54 in series	54 in series	60 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)	1315 x 996 x 50mm	1316 x 996 x 50mm	1470 x 996 x 50mm	1470 x 996 x 50mm	1630 x 996 x 50mm

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.