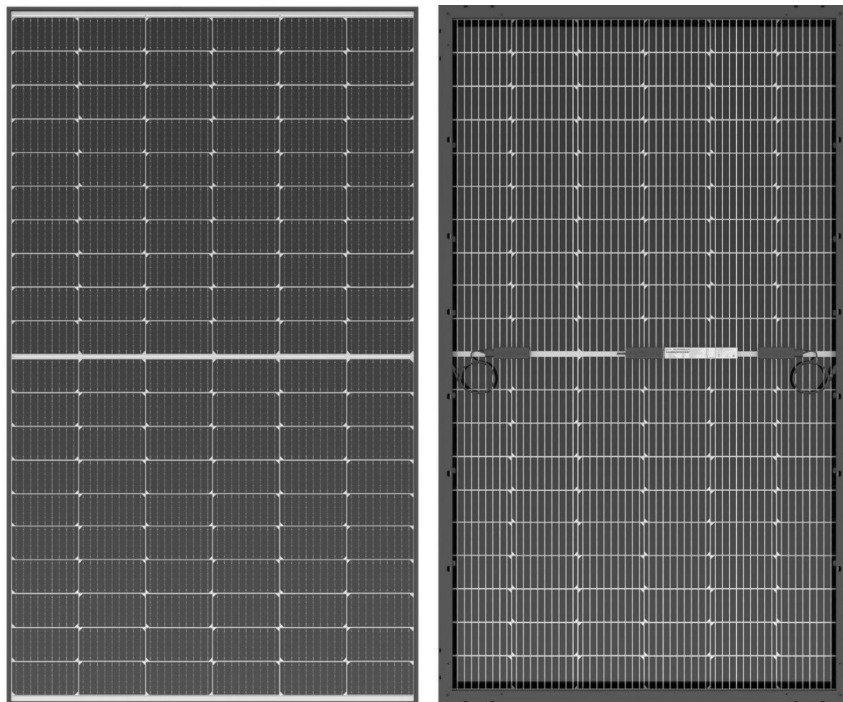


KB SOLAR 375-WATT SOLAR PANEL
MONOCRYSTALLINE BIFACIAL PERC 9BB HIGH
EFFICIENCY (MODULE-KBS-375-MONO-BF)



MODULE EFFICIENCY:	20.4%
HIGH POWER OUTPUT:	375W
LINEAR POWER OUTPUT WARRANTY:	30 YEARS
MATERIAL WORKMANSHIP WARRANTY:	12 YEARS

- High mono efficiency
- Up to 30% more energy yield due to the back-side power generation
- Minimize microcracks and free trails
- Improved shading tolerance
- Wind to 2400 Pa
- Snow to 5400 Pa
- Fire resistance up to Class C
- High-Efficiency PERC bifacial cell technology
- Outstanding temperature coefficient
- Certified for salt/ammonia corrosion resistance
- Lower LCOE
- Suitable for harsh environments such as coasts, lakes

MODULE CERTIFICATION

- Conforms to UL STD(s) 61730-1 & 61730-2
- Certified to CSA STD(s) C22.2 #61730-1 & C22.2 #61730-2



Electrical Characteristics at Standard Test Conditions (STC)		MODULE-KBS-375-MONO-BF			
Module Type	KBS-365	KBS-370	KBS-375	KBS-380	KBS-385
Maximum Power - Pmax (W)	365	370	375	380	385
Open Circuit Voltage - Voc (V)	39.95	40.34	40.75	41.28	41.80
Maximum Power Voltage - Vmmp (V)	33.29	33.62	33.96	34.40	34.83
Short Circuit Current - Isc (A)	11.42	11.53	11.62	11.80	11.95
Maximum Power Current - Immp (A)	10.84	10.95	11.06	11.20	11.34
Module Efficiency	20.0%	20.1%	20.3%	20.6%	20.9%
Standard Test Conditions (STC): irradiance 1,000 W/m ² ; AM 1.5; module temperature 25°C. Tolerance of Pmmp: 0~+3%.					
Measuring uncertainty of power: ±3%.					
Electrical Characteristics at Nominal Module Operating Temperature (NMOT)					
Module Type	KBS-365	KBS-370	KBS-375	KBS-380	KBS-385
Maximum Power - Pmax (W)	294	296	299	305	308
Open Circuit Voltage - Voc (V)	37.91	38.01	38.13	38.36	38.47
Maximum Power Voltage - Vmmp (V)	31.47	31.56	31.66	31.85	31.94
Short Circuit Current - Isc (A)	10.39	10.42	10.45	10.52	10.55
Maximum Power Current - Immp (A)	9.33	9.36	9.39	9.44	9.47
(NMOT): irradiance 800 W/m ² ; ambient temperature 20°C. Wind speed 1 m/s; Tolerance of Pmmp: 0~+3%.					
Measuring uncertainty of power: ±3%					
Temperature Characteristics					
Nominal Operating Cell Temperature (NOCT)	45°C (±2°C)				
Voltage Temperature Coefficient	-0.26%/°C				
Current Temperature Coefficient	0.037%/°C				
Power Temperature Coefficient	-0.33%/°C				
Maximum Ratings					
Maximum System Voltage [V]	1500				
Operational Temperature	-40°C to +85°C				
Bifacial Factor	70%±5%				

Material Characteristics	
Dimensions	69.2 x 41.2 x 1.4 inch (1760 x 1048 x 35mm)
Weight	20.04 kg (44.20 lbs)
Frame	Double Webbed Anodized Aluminum Alloy
Front Glass	High transparency, Antireflection coated, Semi-toughened safety glass, 3.2mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate) / POE
Backsheet	Transparent composite film (FFC/PET/FFC)
Cells	120 Half-Cut, M6, 166mm, PERC Cells, 9BB (166mm×166mm)
Junction Box	IP-68 rated with 3 bypass diodes
Cable & Connector	1.2m Symmetrical Cables, compatible with MC4
System Design	
Temperature Range	-40 °C to + 85 °C
Withstanding Hail	Maximum diameter of 25 mm with Impact speed of 23 m·s ⁻¹
Maximum Surface Load	5,400 Pa
Application class	Class A
Packaging	
Dimensions(L×W×H)	1830x1160x1150mm (72x45x45")
Modules per pallet/box:	27 pcs.
Modules per 53' trailer:	702 pcs.

PANEL APPEARANCE DIMENSION

