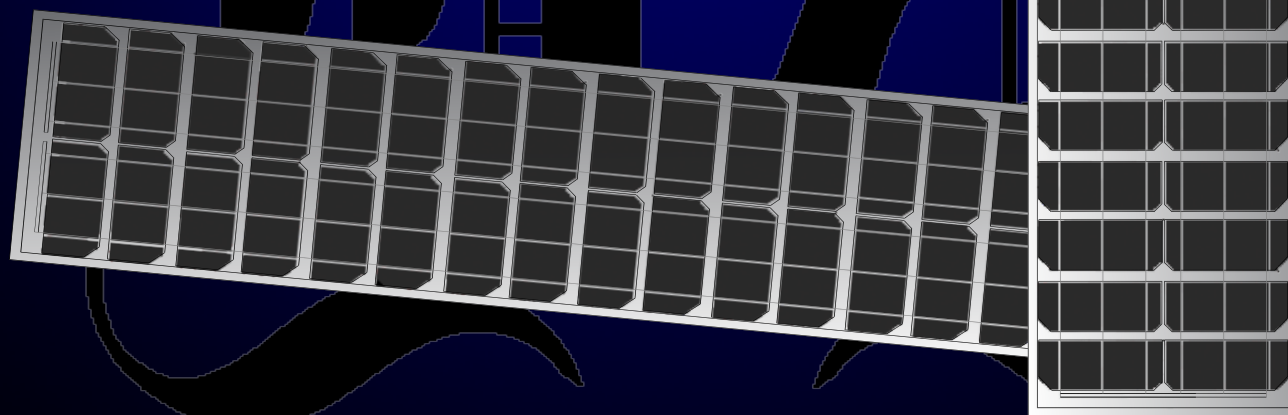


Big-King International Inc.

~Presents~

55 Watt Solar Panels

- ~Superior manufacturing over poly crystalline models
- ~Exceptional efficiency
- ~1/8' glare free tempered glass
- ~12 AWG / 4mm wire terminals
- ~Remarkable wind resistance
- ~Extreme snow loading ability
- ~Resilient to temp fluctuations
- ~Replicates Siemens SM55
- ~Direct replacement



Big-King International Inc.

Kelowna BC
14000 Hwy 33 E
Kelowna BC V1P 1K2

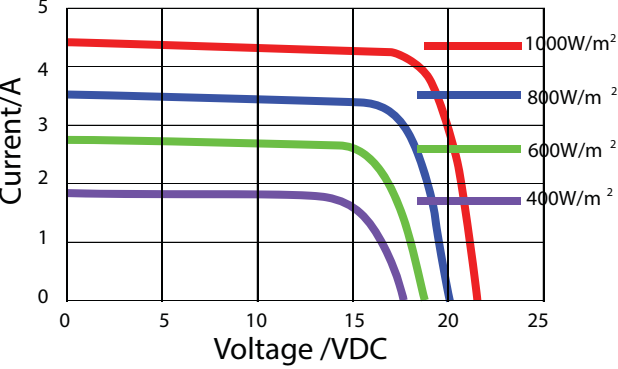
International@BigKing.Biz

403-969-5464

Calgary AB
403 Malvern Drive NE
Calgary, AB T2A 5G8

BKI55MC Photovoltaic Module

I-V Curve Chart



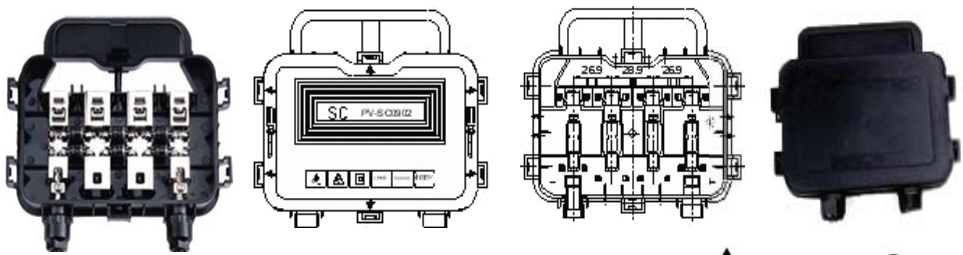
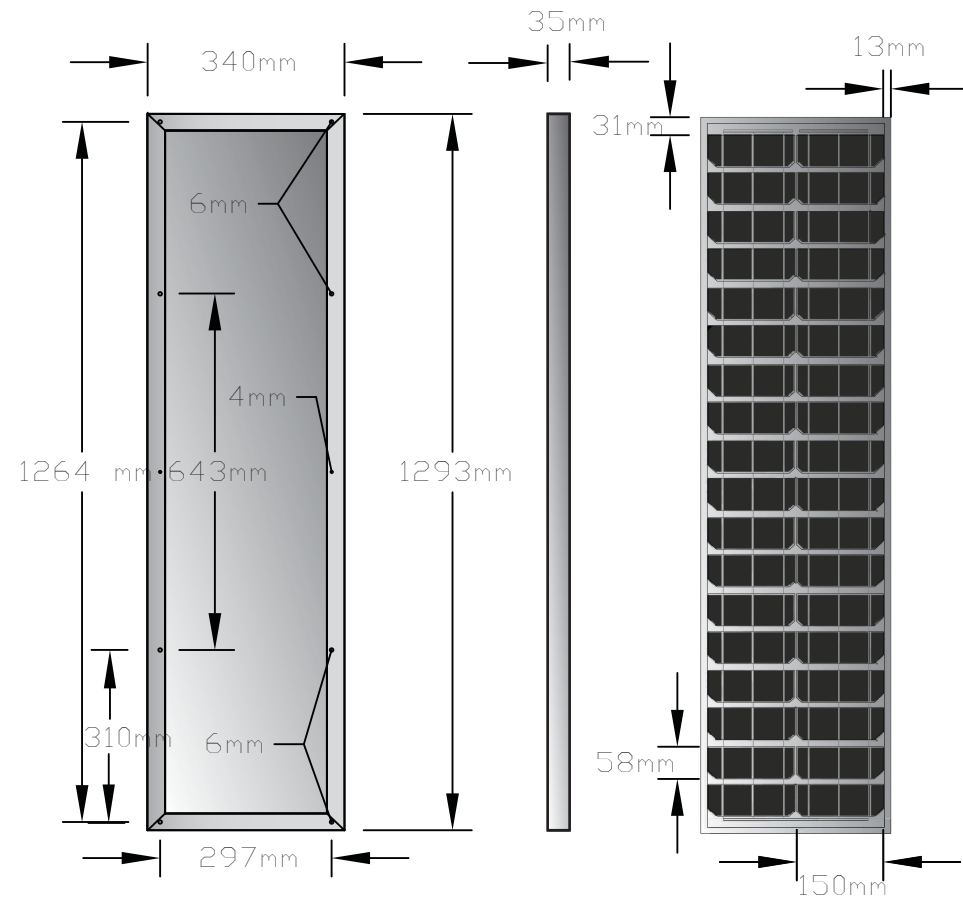
Electrical Specifications	
Maximum power (Pmax)	55 W
Power Tolerance	+3 %
Voltage of Max Power (Vmp)	17.4 VDC
Current at max power (Imp)	3.15 A
Open circuit voltage (Voc)	21.7 VDC
Short circuit current (Isc)	3.45 A
Solar cell efficiency	17.4 %
Operating temperature	-40c to +85c
Maximum system voltage	600 VDC
Maximum series fuse rating	5 A
Test conditions: 1000 W/meter, AM-1.5, module temperature 25c	

Environmental Specifications	
Nominal operating cell temperature (Noct)	45+2 c
Current temperature coefficient (Isc)	0.05 %/K
Voltage temperature coefficient (Voc)	-0.13 %/K
Power temperature coefficient (Pmax)	-0.12 %/K

Mechanical Specifications	
Cell construction	Monocrystalline silicon solar cell 38mm x 156mm
cell connections	2 x 18 = 36 cells
Module dimensions	1293mm x 340mm x 35mm
Junction box	IP65
Warranty	10yrs 90%, 25yrs 80%
Wind survivability	83 km/h or 341 Pa
Impact resistance	63g steel ball at 1m 90 degree impact
Impact resistance	1" hailstone at terminal velocity 90 degree impact
Snow loading on front face	3.1 kPa / 65 psf

Transport Specifications	
No. solar panels per carton	2 Pieces
Carton size	1493mm x 540mm x 80mm
weight per panel	5.5 Kg
pallet size	Call for details
Solar panels per pallet	Call for details
Pieces per 20F GP	Call for details
Pieces per 40F GP	Call for details

Specifications subject to change without notice



Big-King International Inc.

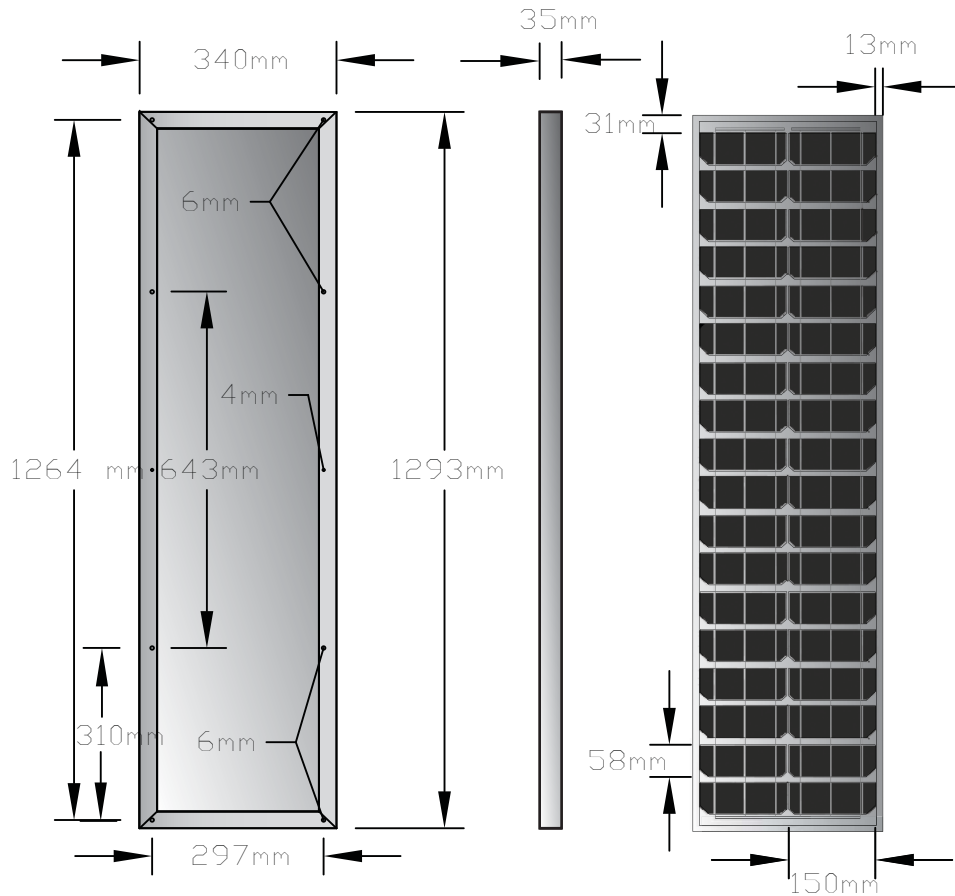
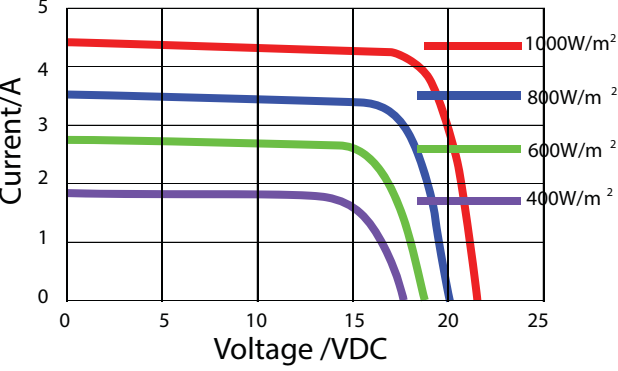
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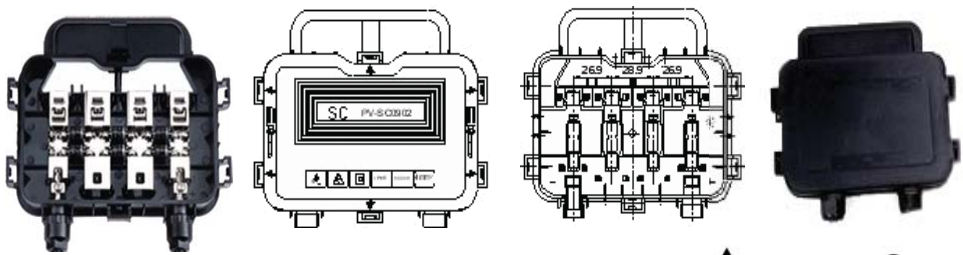


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