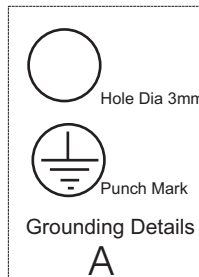
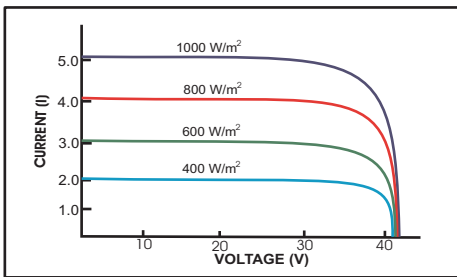
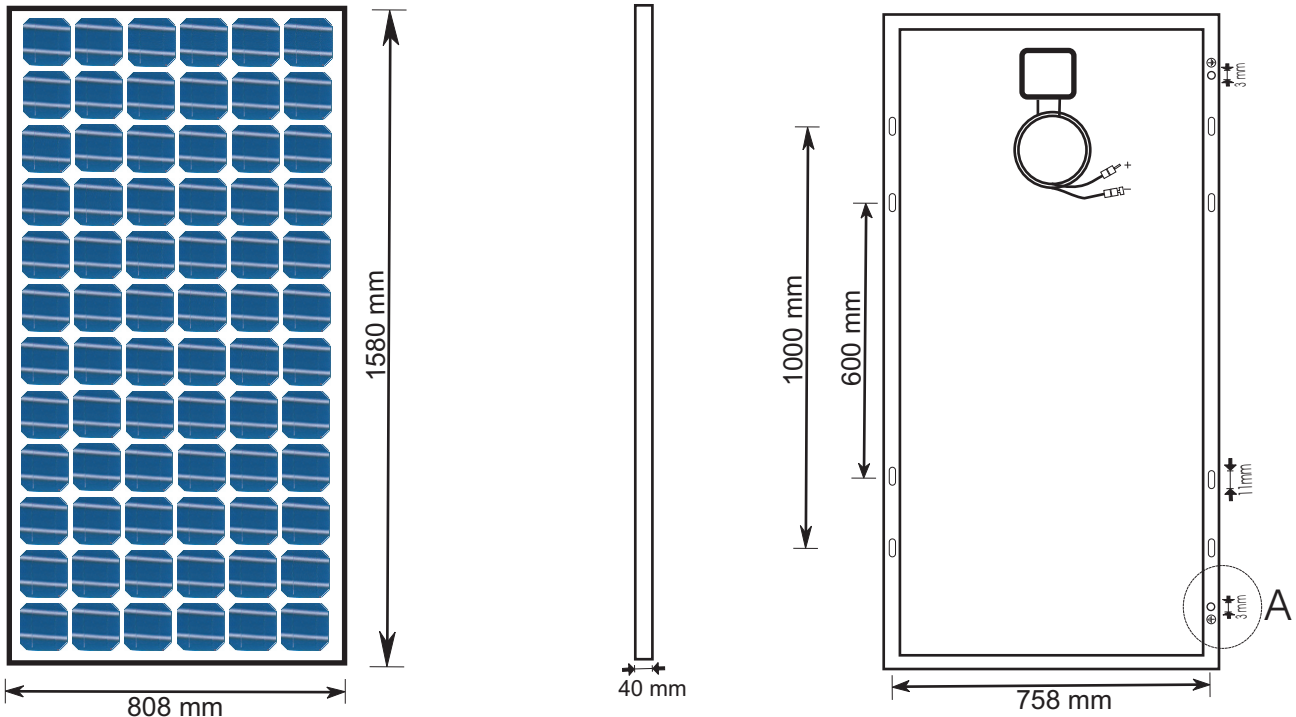


**SOLAR MODULE- 165 Wp**


Temperature Coefficients	
NOCT	48°C ± 2°C
Current Temperature Coefficient $\alpha$ ( $I_{sc}$ )	0.09%/°C
Voltage Temperature Coefficient $\beta$ ( $V_{mp}$ )	-0.34%/°C
Power Temperature Coefficient $\lambda$ ( $P_{max}$ )	-0.37%/°C

Electrical Specifications		
Open Circuit Voltage	( $V_{oc}$ )	43.20 V
Short Circuit Current	( $I_{sc}$ )	5.15 A
Maximum Voltage	( $V_{mp}$ )	34.0 V
Maximum Current	( $I_{mp}$ )	4.85 A
Maximum Power at STC	( $P_{max}$ )	165 Wp
Maximum System Voltage		1000 V
Operating Temperature		-40°C to +85°C

Mechanical Data			
Solar Cell	: Mono Crystalline or Multi Crystalline	Terminal Box	: 1000V Rating, IP65, TUV Approved
Solar Cell Shape	: Pseudo Square or Full Square	Bypass Diode	: 16A, 1000 V Maximum
Colour Class of Cells	: Blue ( Bright or Medium or Dark)	Cable	: 75 cms. TUV Approved
Cell Geometry	: 125mm x 125mm	Frame Material	: Anodized Aluminium
Cell Configuration	: 72 Cells in Series	Frame Type	: Screwed Ends
Module Dimensions	: 1580mm x 808mm x 40mm	Packing Method	: PVC corner pads / pallet mounting.
Module Weight	: 14 Kgs.Approximate	Qty. per Container	: 224 /20ft , 448/40ft



**KOTAK URJA PRIVATE LIMITED**  
 #378, 10th Cross, 4th Phase, Peenya Industrial Area  
 Bangalore-560058, Karnataka, India  
 Tel: +91 80 2836 3330, Fax: +91 80 2836 2347  
 E mail: sales@kotakurja.com, kotakurja@kotakurja.com  
[www.kotakurja.com](http://www.kotakurja.com)