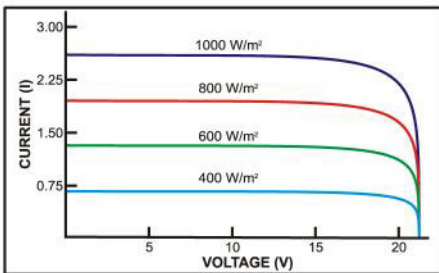
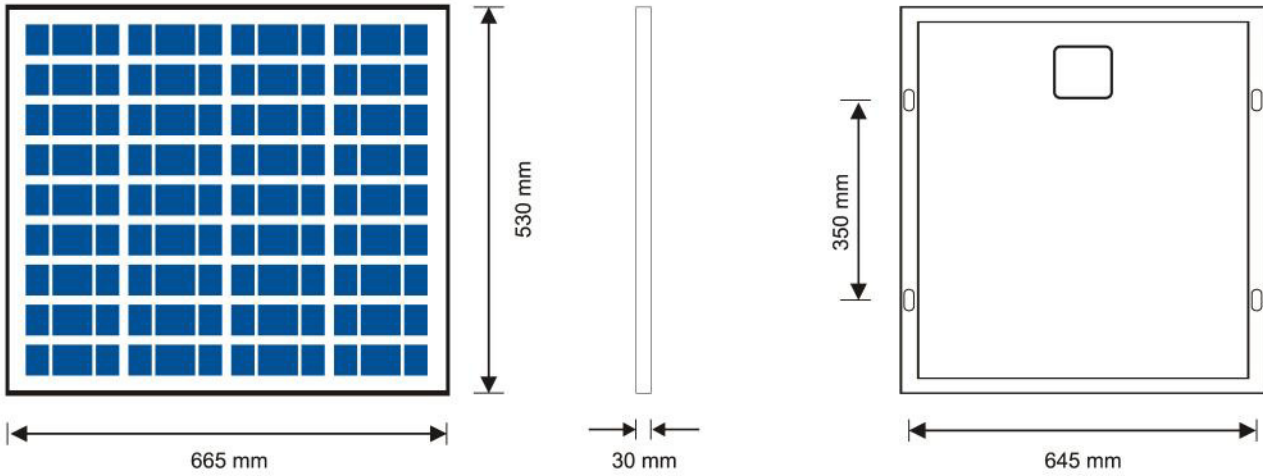


SOLAR MODULE - 50 Wp



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	(Voc)	22.28 V
Short Circuit Current	(ISC)	2.91 A
Maximum Voltage	(Vmp)	18.55 V
Maximum Current	(Imp)	2.70 A
Maximum Power at STC	(Pmax)	50 Wp
Maximum System Voltage		600 V
Operating Temperature/Humidity		-40° C to +85 C/ 85%

Module Information			
Model	: KM0050	Oblong Hole	: 7 x 11mm
Solar Cell	: Multi Crystalline	Terminal Box	: 600V Rating
Solar Cell Shape	: Full Square	Bypass Diode	: 6A
Colour Class of Cells	: Blue (Bright or Medium or Dark)	Cable & Connector	: Not Provided
Cell Geometry	: 156mm x 52mm	Frame Material	: Anodized Aluminium
Cell Configuration	: 36 Cells in Series	Frame Type	: Screwed Ends
Module Dimensions	: 665mm x 530mm x 30mm	Packing Method	: Unit & Master Carton
Module Weight	: 4.1 Kgs. Approximate	Qty. per Container	: 20HC-900Nos/40HC-1800Nos



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
www.kotakurja.com

CAT/PVM/KM0050/R1/2011

STC: Irradiance 1000 W/m², Module Temperature 25°C, AM-1.5
 Power Output Tolerance : ± 5 %, Electrical Parameter: ±10 %
 The mounting Hole Dimension can be as per customer requirement.

KOTAK URJA reserves the right to change the product specifications without any notice.
 For Product Warranty please refer to **KOTAK URJA**'s warranty Policy.
 The Frame Dimensional Tolerances are ± 2mm. .