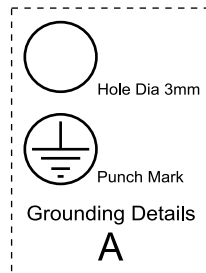
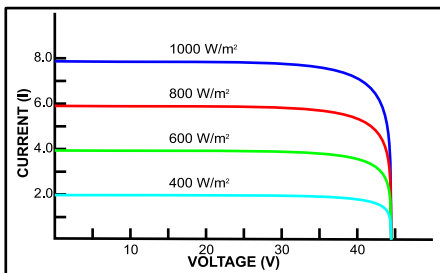
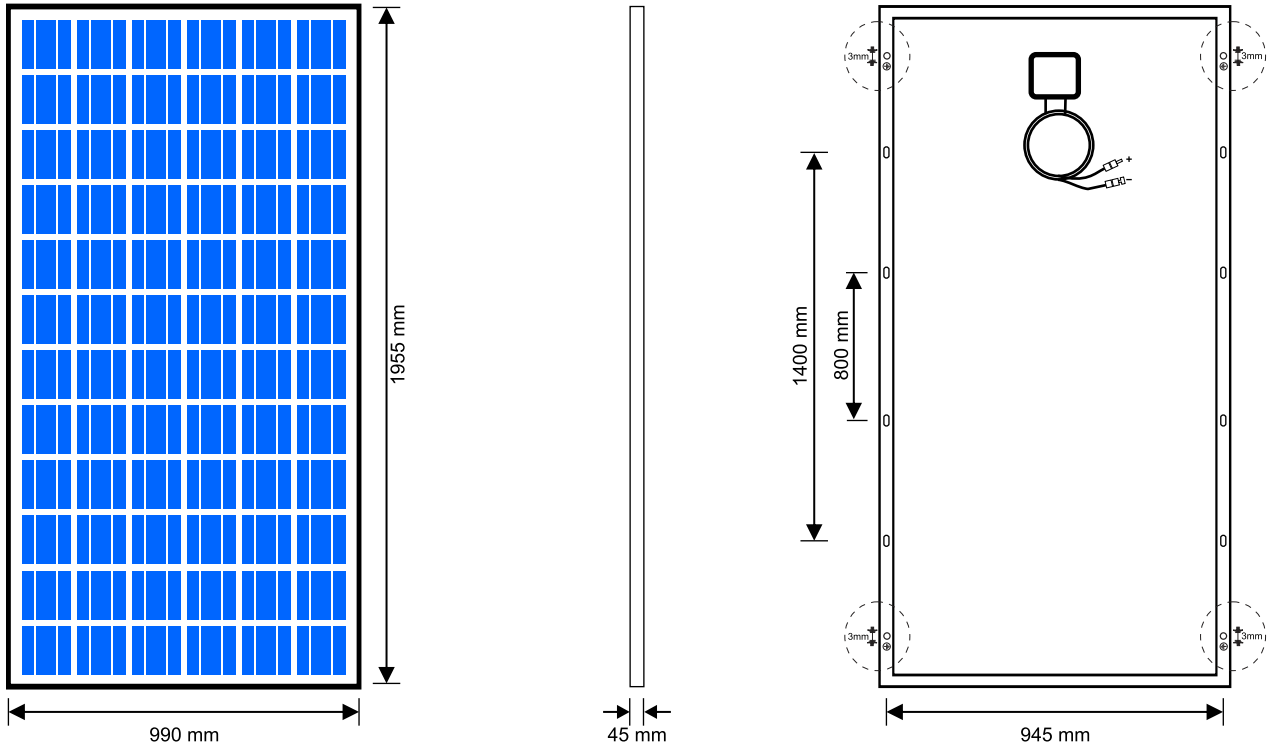


SOLAR MODULE - 270 Wp



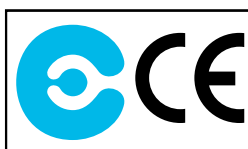
| Temperature Coefficients | |
|---|------------|
| NOCT | 48°C ± 2°C |
| Current Temperature Coefficient $\alpha (I_{sc})$ | 0.09%/°C |
| Voltage Temperature Coefficient $\beta (V_{mp})$ | -0.34%/°C |
| Power Temperature Coefficient $\lambda (P_{max})$ | -0.37%/°C |

Electrical Specifications

| | | |
|--------------------------------|---------------------|----------------------|
| Open Circuit Voltage | (V _{oc}) | 44.49 V |
| Short Circuit Current | (I _{sc}) | 7.91 A |
| Maximum Voltage | (V _{mp}) | 36.72 V |
| Maximum Current | (I _{mp}) | 7.36 A |
| Maximum Power at STC | (P _{max}) | 270 Wp |
| Maximum System Voltage | | 600 V |
| Operating Temperature/Humidity | | -40° C to +85 C/ 85% |

Module Information

| | | | |
|-----------------------|------------------------------------|--------------------|-------------------------------|
| Model | : KM0270 | Oblong Hole | : 9 x 13mm |
| Solar Cell | : Multi Crystalline | Terminal Box | : IP 65 |
| Solar Cell Shape | : Full Square | Bypass Diode | : 20A, 1000 V |
| Colour Class of Cells | : Blue (Bright or Medium or Dark) | Cable & Connector | : 4mm ² & MC4 |
| Cell Geometry | : 156mm x 156mm | Frame Material | : Anodized Aluminium |
| Cell Configuration | : 72 Cells in Series | Frame Type | : Crimped Ends |
| Module Dimensions | : 1955mm x 990mm x 45mm | Packing Method | : Pallet type plywood box |
| Module Weight | : 21.5 Kgs. Approximate | Quantity/Container | : 20HC-220 Nos./40HC-440 Nos. |



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CAT/PVM/KM0270/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. .