



**SURANA SVL 120**

Photovoltaic Module Family  
Model SVL 120

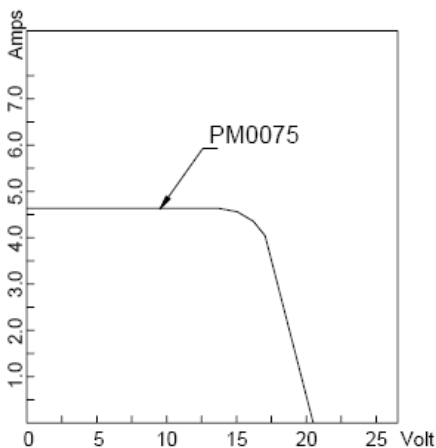


The above picture may not depict the actual one and only an indicative.

Electrical parameters	
Model	SVL 0120
Nominal Power - Pmax ( Watts )	Nominal 120
Voltage at maximum Power - Vmp ( Volts )	17.4
Current at maximum Power - Imp ( Amps )	7.32
Open circuit Voltage - Voc ( Volts )	21.4
Short Circuit Current - Isc ( Amps )	7.60
Maximum System Voltage	1000 VDC
Temperature coefficient - Voc	-0.074 V / °C
Temperature coefficient - Isc	+2.8 mA / °C
Solar Cells per Modules - Unit	36(9x4 Matrix)
Parent Solar Cell Size - mm	156 mm Mono / Multi Crystalline
Mechanical Details	
Dimensions - ( L x W x T ) mm	1325 x 655 x 34
Weight - Kgs	9.7
Mounting Holes Pitch (Y) - mm	510
Mounting Holes Pitch (X) - mm	610
Area - Sq. Mtrs	0.583

- \* Measurement Tolerance on Electrical Parameters +/- 5%
- \* All Specified parameters are at STC 25°C Cell, 100mW / cm<sup>2</sup> Irradiance and AM 1.5.
- \* Specifications subject to change without prior notice due to product up gradations.
- \* All Modules will be applied with prefixed cables and connectors. ( Two cables of 4 sq. mm and length 0.9mtr. Each)

**IV-Characteristics**



**Junction Box**  
Dimensions:  
105 x 78 x 25 mm  
Four terminals

**Mounting Details**

All Dimensions in mm and tolerance ±2mm

