



# SURANA STPL 005

Photovoltaic Module

Model STPL 005

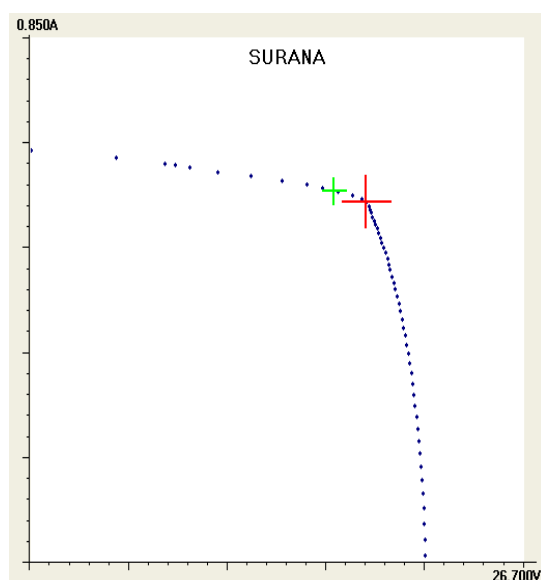


Electrical parameters	
Model	STPL 005
Nominal Power - Pmax ( Watts )	Nominal 05
Voltage at maximum Power - Vmp ( Volts )	8.5
Current at maximum Power - Imp ( Amps )	0.59
Open circuit Voltage - Voc ( Volts )	10.75
Short Circuit Current - Isc ( Amps )	0.65
Maximum System Voltage	800 VDC
Temperature coefficient - Voc	-0.074 V / °C
Temperature coefficient - Isc	+2.8 mA / °C
Solar Cells per Modules - Unit	36(18x2 Matrix)
Parent Solar Cell Size - mm	156 mm Mono / Multi Crystalline
Mechanical Details	
Dimensions - ( L x W x T ) mm	300 x 185 x 22
Weight - Kgs	0.700
Mounting Holes Pitch (Y) - mm	200
Mounting Holes Pitch (X) - mm	165
Area - Sq. Mtrs	0.0555

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

\* 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)

## I-V Characheristics



**Junction Box**  
 Dimensions:  
 40 x 30 x 12 mm

## Mounting Details

All Dimensions in mm and tolerance ±2mm

