

Government of India
Ministry of Communications and Information Technology
Department of Information Technology, Standardisation Testing & Quality Certification Directorate
ELECTRONICS REGIONAL TEST LABORATORY (EAST)

TEST REPORT ON SOLAR PV MODULE

PAGE 01 OF 4

1.0 SCOPE

1.1 Service Request No. : TE/0078/07-12

1.2 Test Report No. : ERTL(E)/TES/D207/0008/08-12
Date : 24/08/2012

1.3 Requested by : **DEV INTERNATIONAL**
(Name & Address of the organisation)
15.DR.THOTTAM
VALIYAMPALAYAM,KALAPATTI
COIMBATORE 641048
TAMILNADU

1.4 Description ,
Identification of the item
to be tested

Item : SOLAR PV MODULE
Make : SREEDEV
Model : SD-2012
SI.No. : 003
Qty : 1

**1.4.1 Applicable Spec.of the item(s) tested:**

1.4.2 Characterisation and condition of the item

Characterisation : Not applicable /

Condition : Satisfactory /

1.5 Date of item receipt of item : 01/08/2012

1.6 Date of start of testing : 06/08/2012

1.6.1 Date of completion of testing : 21/08/2012

1.7 Location where testing performed : In house

1.8 Ambient condition during measurement : 25 +/- 1.5°C
70% RH. Max.

1.9 Spec. used for testing : STC PARAMETERS ONLY

1.9.1 Details of non-standard method followed (if any) : NIL



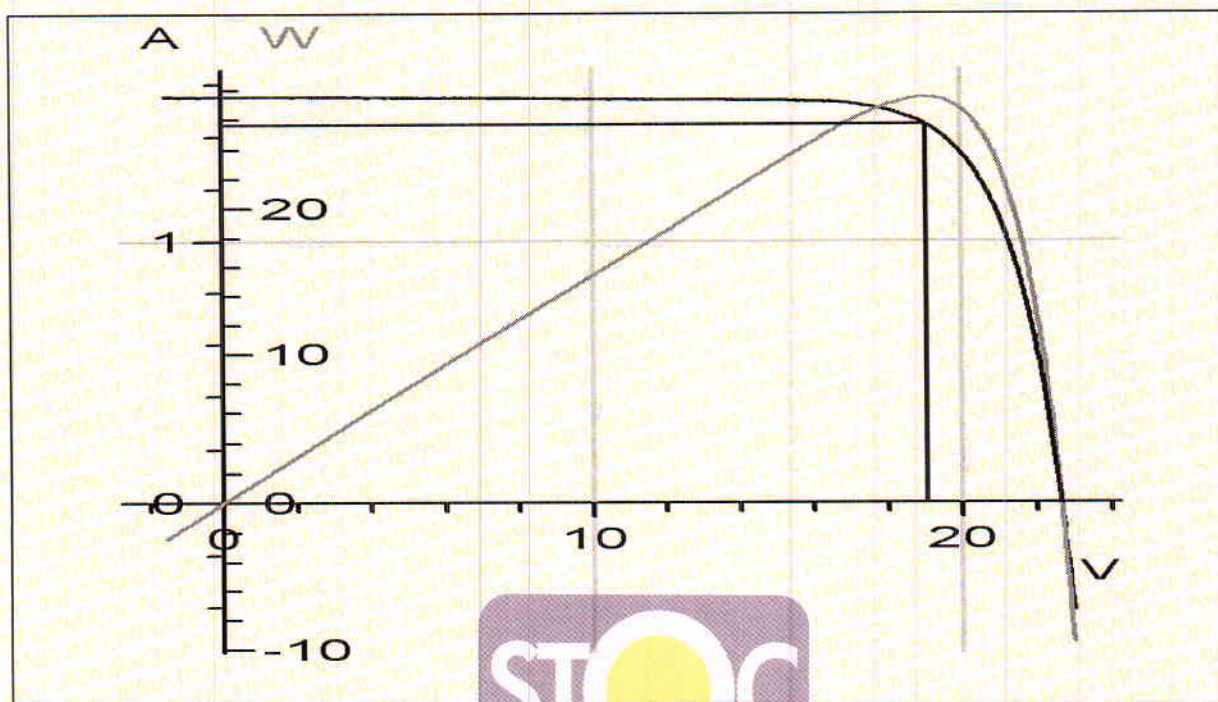
Certificate No. : T0002

Government of India
Ministry of Communications and Information Technology
Department of Information Technology, Standardisation Testing & Quality Certification Directorate
ELECTRONICS REGIONAL TEST LABORATORY (EAST)

TE/0078/07-12

J0008/TE/08-12

PAGE 3 OF 4



Panel :

Type :

Panel no :

Serial no :

Date :

Mon. cell :

Sensitivity :

Act. Temp. :

Result :

SREEDEV

SD-2012

1

003

06-08-12

Poly+Th+filter - 10-0656-01

0.000077 mV

23.1 °C

16

Temp. = 25.0 °C
Irrad. = 1.0 kW/m²
Isc = 1.551 A
Voc = 22.661 V
Eff. = 19.6 %
FF = 78.3 %
MPP = 27.513 W
V@MPP = 19.050 V
I@MPP = 1.444 A
Rser. = 1.0 Ohm
Rsht = 1195.4 Ohm
Ref Voltage 16.4 V
I Ref Voltage 1.530 A
P Ref Voltage 25.097 W

X Sim Bionis

Am