

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

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1.0 SCOPE

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

1.2 Test Report No. : ERTL(E)/TES/D207/0006/08-12
Date : 23/08/2012

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-5012
Sl.No. : 005
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



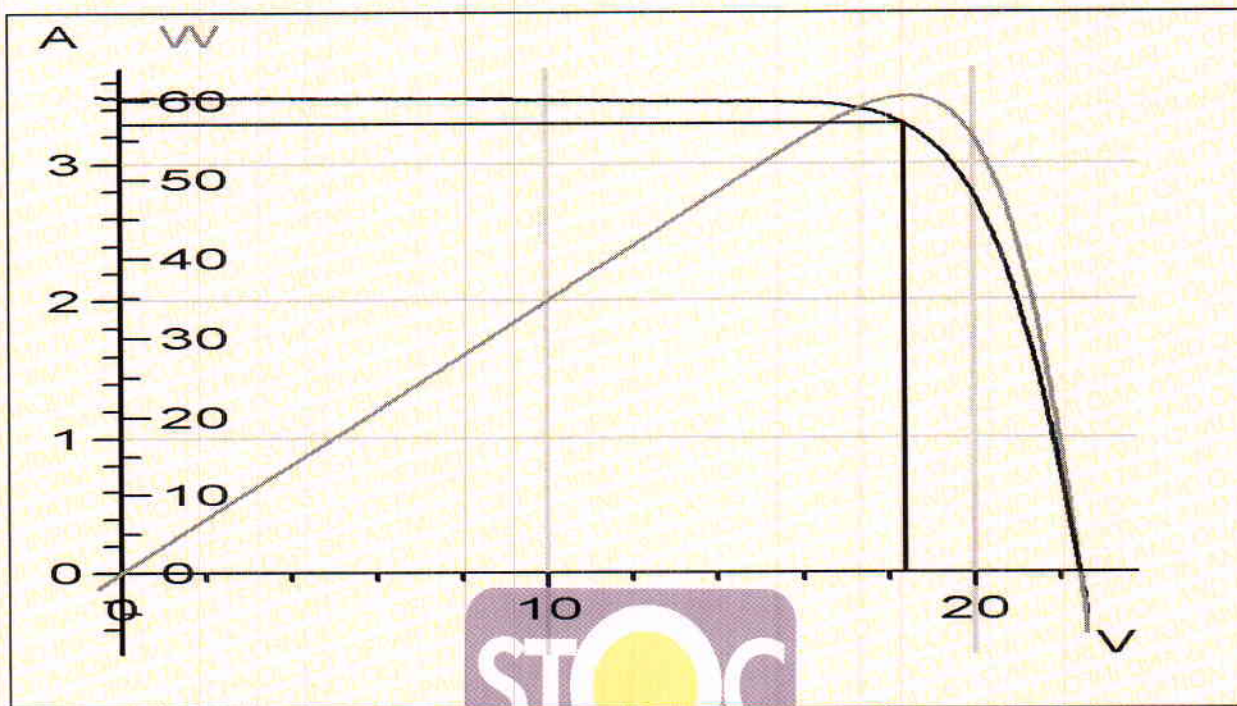
Certificate No. : T0002

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Panel :
Type :
Panel no :
Serial no :
Date :
Mon. cell :
Sensitivity :
Act. Temp. :
Result :

SREEDEV
SD-5012
1
005
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 = 3.486 A
Voc = 22.467 V
Eff. = 18.1 %
FF = 77.4 %
MPP = 60.609 W
V@MPP = 18.401 V
I@MPP = 3.294 A
Rser. = 0.6 Ohm
Rsh = 775.6 Ohm
Ref Voltage 16.4 V
I Ref Voltage 3.441 A
P Ref Voltage 56.440 W

Asin Bins