

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/D207/0003/08-12
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-12512
Sl.No : 014
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



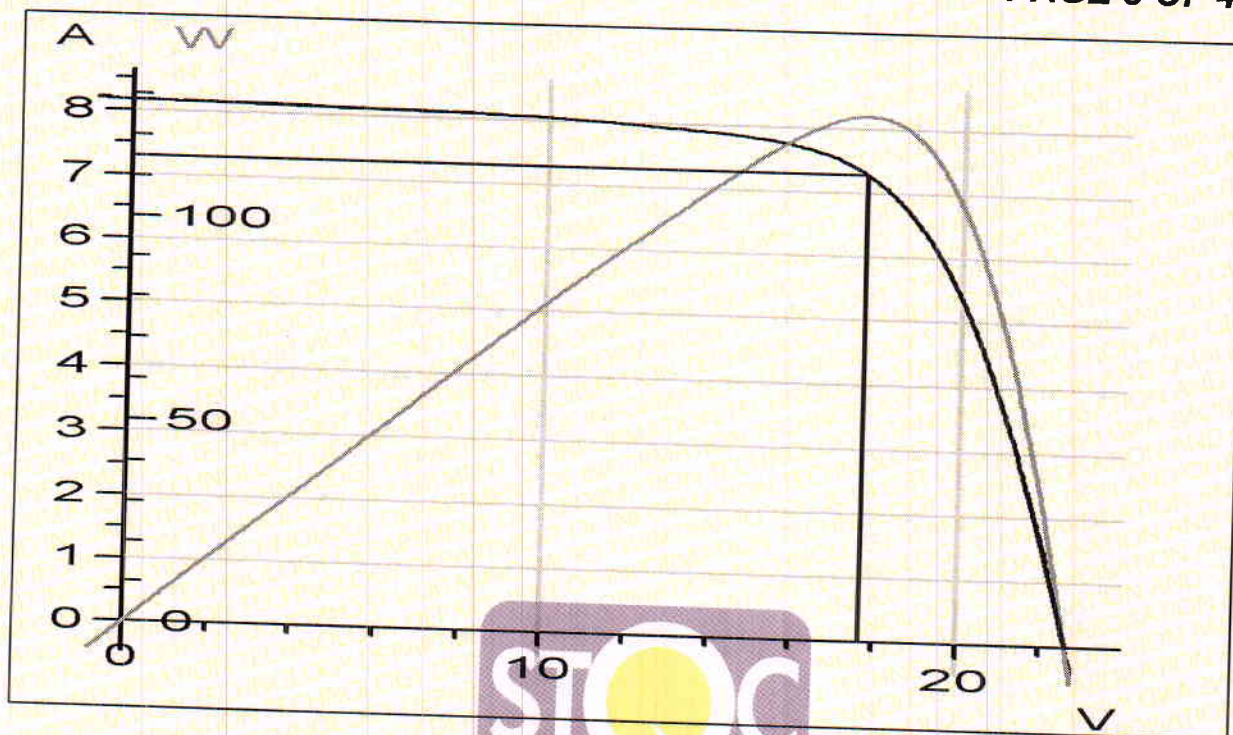
Certificate No. : T0002

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Panel :

Type :

Panel no :

Serial no :

Date :

Mon. cell :

Sensitivity :

Act. Temp. :

Result :

SREEDEV

SD-12512

1

014

06-08-12

Poly+Th+filter - 10-0656-01

0.000077 mV

23.2 °C

16

Temp. =	25.0 °C
Irrad. =	1.0 kW/m ²
Isc =	8.173 A
Voc =	22.628 V
Eff. =	16.4 %
FF =	69.7 %
MPP =	128.961 W
V@MPP =	17.691 V
I@MPP =	7.290 A
Rser. =	0.4 Ohm
Rsht =	97.6 Ohm
Ref Voltage	16.4 V
I Ref Voltage	7.642 A
P Ref Voltage	125.323 W

Asim Birmas