

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

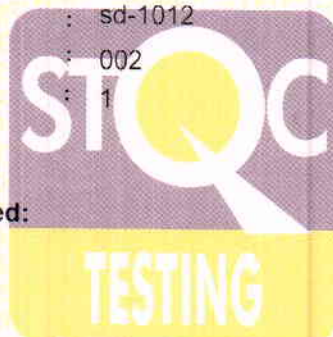
1.1 Service Request No. : TE/0078/07-12

1.2 Test Report No. : ERTL(E)/TES/D207/0009/08-12
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-1012
SI No. : 002
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



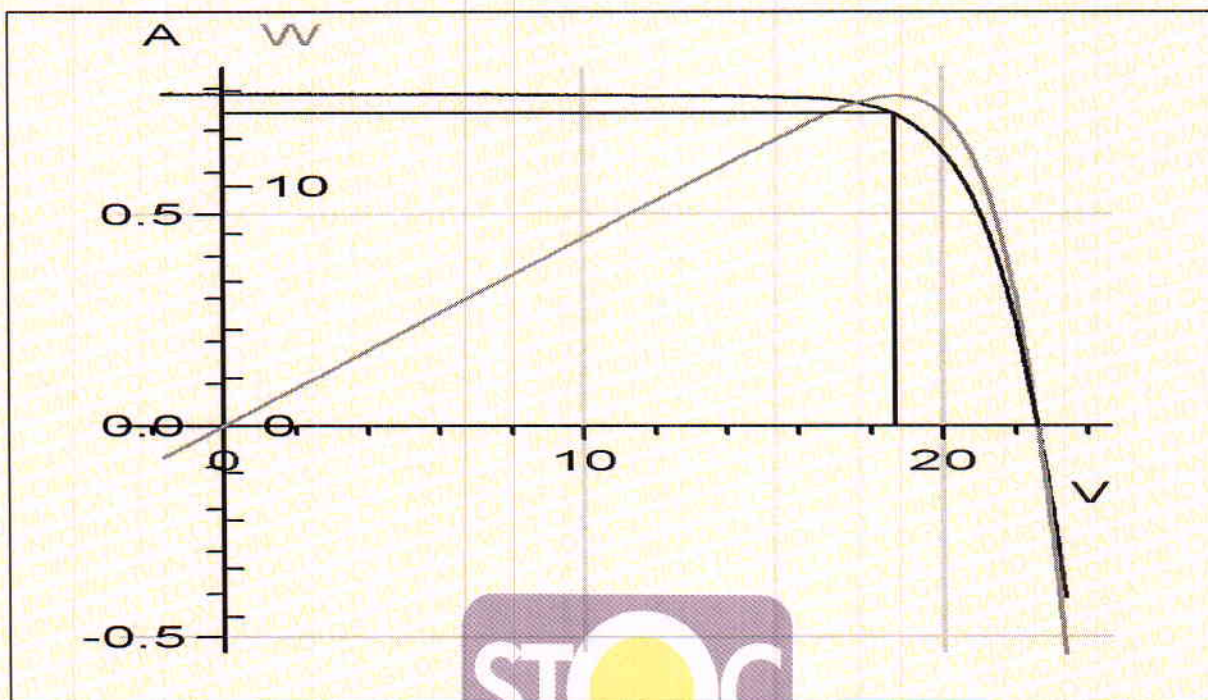
Certificate No. : T0002

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Panel :	SREEDEV
Type :	SD-1012
Panel no :	1
Serial no :	002
Date :	06-08-12
Mon. cell :	Poly+Th+filter - 10-0656-01
Sensitivity :	0.000077 mV
Act. Temp. :	23.0 °C
Result :	16

Temp. =	25.0 °C
Irrad. =	1.0 kW/m ²
Isc =	0.786 A
Voc =	22.622 V
Eff. =	18.9 %
FF =	77.6 %
MPP =	13.790 W
V@MPP =	18.663 V
I@MPP =	0.739 A
Rser. =	2.5 Ohm
Rsht =	4885.0 Ohm
Ref Voltage	16.4 V
I Ref Voltage	0.777 A
P Ref Voltage	12.739 W

Asim Bhowmik

[Signature]