

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 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/D207/0005/08-12
Date : 25/09/2012

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 MODULE
Make	: SREEDEV
Model	: SD-1274
Sl.No.	: 198
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 : 19/09/2012

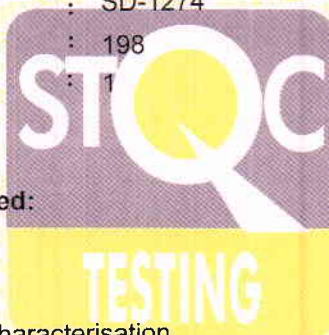
1.6.1 Date of completion of testing : 19/09/2012

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



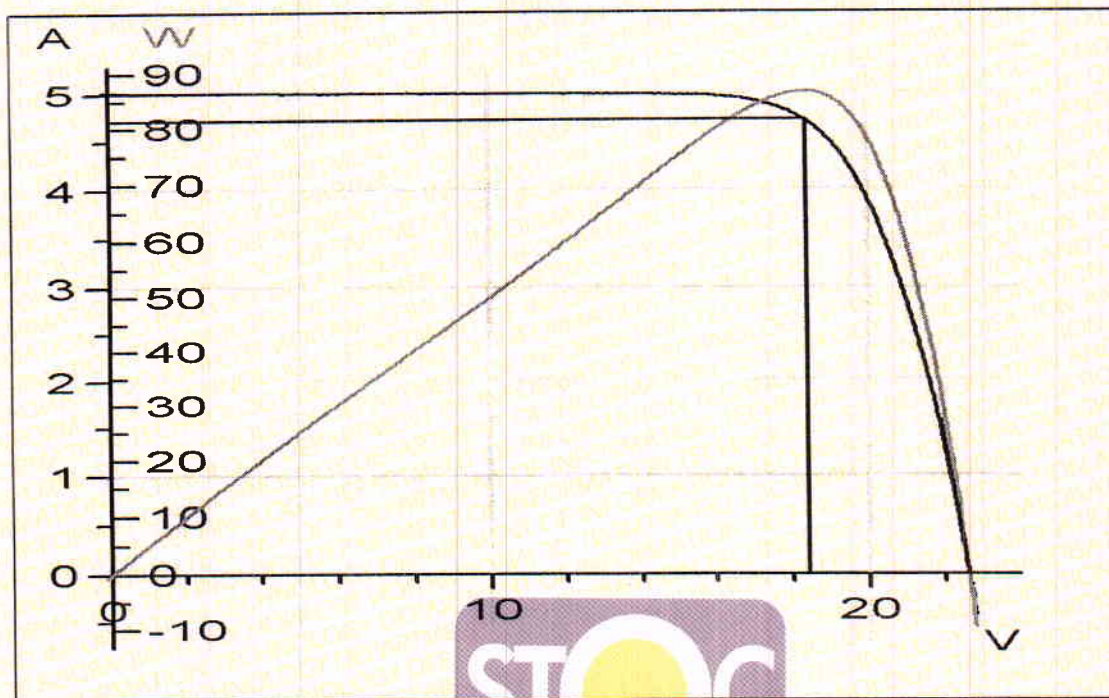
Certificate No. : T0002

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

STQC
SREEDEV
SD-1274
1
198
19-09-12
Poly+Th+filter - 10-0656-01
0.000077 mV
26.4 °C
16

Temp. = 25.0 °C
Irrad. = 1.0 kW/m²
Isc = 5.012 A
Voc = 22.602 V
Eff. = 17.9 %
FF = 76.5 %
MPP = 86.660 W
V@MPP = 18.402 V
I@MPP = 4.709 A
Rser. = 0.5 Ohm
Rsht = 625.0 Ohm
Ref Voltage 16.4 V
I Ref Voltage 4.950 A
P Ref Voltage 81.187 W

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