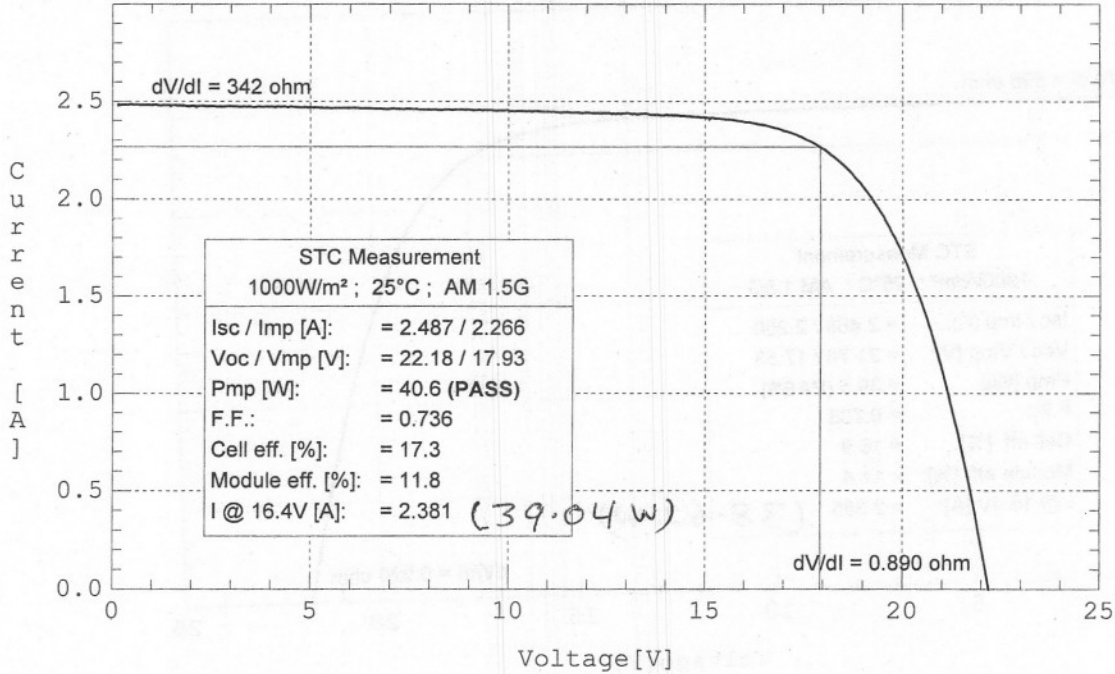


Solar Energy Centre

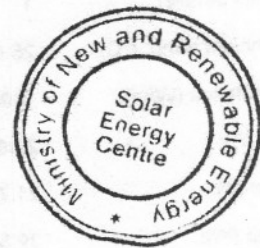
File: Unnamed  
Module name: mono c -si 445/08

QuickSun Flash Tester  
Version 5.18.19

Print Date: 03/02/2009



Module:	1	Operator:	VK
Name:	mono c -si 445/08	#:	AM 112
Bin #:			
Manufacturer:	ANDROMEDA	Product ID:	2008-31347
Current temp. coeff. (microA/cm <sup>2</sup> /°C):	15.00	Voltage temp. coeff. (mV/cell/°C):	-2.10
Curve correction fac. (mOhm/cell/°C):	0.10	Series resistance. (mOhm/cell):	7.00
Cell area (cm <sup>2</sup> ):	65.10	Module area (m <sup>2</sup> ):	0.345560
Cells parallel:	1	Cells serial:	36
Ambient temp. (°C):	24.6	Sensor temp. (°C):	24.4
Irradiance (W/m <sup>2</sup> ):	1000	Corrected temp. (°C):	25.0
Isc (A):	2.487	Imp (A):	2.266
Voc (V):	22.18	Vmp (V):	17.93
Pmp (W):	40.6	F.F.:	0.736
Cell eff. (%):	17.3	Module eff. (%):	11.8
Est. shunt resistance: (ohm)	342	Est. series resistance: (mohm)	890



*Shaw*  
18/04/09

Vinay Kumar Rai

Prakash Kumar