Accepted Manuscript

Experimental evaluation of the performance and degradation of single crystalline silicon photovoltaic modules in the Saharan environment

Ahmed Bouraiou, Messaoud Hamouda, Abdelkader Chaker, Salah Lachtar, Ammar Neçaibia, Nadir Boutasseta, Mohammed Mostefaoui

PII:	S0360-5442(17)30811-3
DOI:	10.1016/j.energy.2017.05.056
Reference:	EGY 10864
To appear in:	Energy
Received Date:	26 May 2016
Revised Date:	14 December 2016
Accepted Date:	08 May 2017

Please cite this article as: Ahmed Bouraiou, Messaoud Hamouda, Abdelkader Chaker, Salah Lachtar, Ammar Neçaibia, Nadir Boutasseta, Mohammed Mostefaoui, Experimental evaluation of the performance and degradation of single crystalline silicon photovoltaic modules in the Saharan environment, *Energy* (2017), doi: 10.1016/j.energy.2017.05.056

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



- Analysis and assessment of aged UDTS 50 modules degradation under outdoor exposure
- Evaluation of performance degradation based on visual inspection and (I-V) curves
- The partial shading effect and the presence of EVA browning defect was examined

Download English Version:

https://daneshyari.com/en/article/5475673

Download Persian Version:

https://daneshyari.com/article/5475673

Daneshyari.com