

# PV Module Power Rating

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“It says it is rated for 200 watts, isn’t that what it should produce?”



## Goal

“an honest watt”

- Develop effective module power rating standard, to address current market and development concerns, and implement the standards in the US market.



## Background

- Current practice; is nameplate +/- 10% for current, voltage, & power.
- Sorting or binning at the factory results in lopsided bins, increasing system design difficulties.



## Expected Results

- A Standard that may be used in procurement documents by State agencies, lenders, installers, & others.
- Creation and adaptation of a “policy” to be inserted in governmental underwriting documents.



## Tasks to be completed

### Task 1

- Preparation of a Solar ABC's report and recommendation on PV module Tolerance
- Report of review and comment of the Stakeholder meeting with this recommendation
- Scheduled Completion; July, 2010



### Task 2

- Develop Standardized Module Rating and Reporting Requirements
- Establish procedure of Datasheet and Nameplate information for PV modules
- Solar ABC's report on the procedure
- Report on Stakeholder Meetings with their input into the procedure



## Under Consideration / Discussion

- Establish Name plate +/- 5% as baseline
  - Issue; tester variation & laboratory variation may not be able to accomplish goal
- Adapt practice used in Europe, Nameplate +10 %, -0
  - Issue; possible resistance from mfg's



## My consultant in preparation of this material

