

Assessing Power Output Specifications of PV Modules

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EN Flasher Report File Name: Lab Sample Name:

Input

Nominal Power [W] [W]

Tolerance %

Use flasher list
 No flasher list
 No flasher list, assume normality

Definition of quality in terms of fraction of non-conforming modules

Acceptable Quality Level (AQL) %

Rejectable Quality Level (RQL) %

Error Probabilities

Control Consumer's and Producer's Risk at level %

Test Normality at significance level (alpha) %

Decision Tree, optimal sample size, and critical value

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            graph TD
            A[Using Flasher Report] -- No --> B[Lab Sample Normal?]
            A -- Yes --> C[Flash Sample Normal?]
            B -- No --> B1[ ]
            B -- Yes --> B2[ ]
            C -- No --> C1[n=28]
            C -- Yes --> C2[ ]
            
```

Flasher Report

Data
229.3
229.4
228.5
227.9
230.4
229.7
227.0
228.2
229.7
224.1
228.5
226.6
229.5
227.8
227.3
225.6

Obs	518
Min	216.9
Max	230.9
Mean	225.127
SD	2.689
CoV	0.031
P	0.0

Lab Sample

Data

Obs	
Min	
Max	
Mean	
SD	
CoV	
P	

