

**Assessing Power Output Specifications of PV Modules**

File About

**RWTH AACHEN UNIVERSITY** **TÜVRheinland®**  
Genau. Richtig.

EN Flasher Report File Name: Trina\_2.dat 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)  %

OPTIMAL PLAN ANALYSE LAB

**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

**Lab Sample**

Data

HISTOGRAM HISTOGRAM

**Decision Tree, optimal sample size, and critical value**

```

    graph TD
      Root[Using Flasher Report] -- No --> LabNormal{Lab Sample Normal?}
      Root -- Yes --> FlashNormal{Flash Sample Normal?}
      LabNormal -- No --> LabNo[ ]
      LabNormal -- Yes --> LabYes[ ]
      FlashNormal -- No --> FlashNo[n=28  
9.01]
      FlashNormal -- Yes --> FlashYes[ ]
    
```

Obs  Min  Max  Mean  SD  CoV  P

