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Product Name :
Solar Module Measurements Apparatus

Product Code :
LBNY-0005-125000131



Description :

Trainer for solar module measurements
Measuring unit with digital displays for current, voltage, illuminance and module temperature
Two pivoting solar modules on mobile frames
Two power resistors for expanding the measuring range
Reference cell as illuminance sensor
Series and parallel connection options
Slide resistor as variable load.

Technical Specification :

Module Design
Number of cells 36
Module area: 0,64m
Cell material: monocrystalline silicon
Max. Output: 85w
Open-circuit voltage: approx. 22V
Short-circuit current: approx. 5,3a
Typical module parameters under STC
(Standard Test Conditions)
Two power resistors: 22 Ohm/50W
Slide resistor: 0...10 Ohm

Measuring Ranges:

Current: 0...20A
Voltage: 0...200V
Temperature: 0100C
Tilt: 0...90
Illuminance: 0...3kw/m.



Laboratory Instrument India