

65 Watt Photovoltaic Module

BP 365

4024E-1 12/03

The BP 365 is an advanced 65W photovoltaic module, using cells with SiN coating. It addresses the needs of rural electrification for remote homes that do not have access to the utility grid and remote industrial applications such as telemetry and instrumentation systems. This product offers improved efficiency through the use of advanced polycrystalline cells and a 12V nominal power output, making it ideal for battery charging applications. The robust design of the BP 365 makes it durable in the field and easy to install.

Performance

Rated power	65W
Module efficiency	11.1%
Nominal voltage	12V
Warranty	90% power output over 12 years 80% power output over 25 years Free from defects in materials and workmanship for 5 years

Configuration

BP 365U	Clear Universal frame and robust junction box
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Qualification Test Parameters

Temperature cycling range	-40°C to +85°C for 200 cycles
Damp heat test	85°C and 85% relative humidity for 1000h
Front & rear static load test (eg: wind)	2400 Pa
Front load test (eg: snow)	5400 Pa
Hailstone impact test	25mm hail at 23m/s from 1m distance

Quality and Safety

- Manufactured in ISO 9001 and ISO 14003 certified factories
- Conforms to European Community Directive 89/33/EEC, 73/23/EEC, 93/68/EEC
- Certified to IEC 61215

Module power measurements calibrated to World Radiometric Reference through ESTI (European Solar Test Installation at Ispra, Italy)

Framed modules certified by TÜV Rheinland as Safety Class II (IEC 60364) equipment for use in systems up to 1000 VDC

Framed modules listed by Underwriter's Laboratories for electrical and fire safety (Class C fire rating)

Approval by Factory Mutual Research in NEC Class 1, Division 2, Groups C & D hazardous locations is pending



BP 365U scale 1:14

Efficiency (%)

9-11	11-12	12-13	13-14	14-15
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BP 365 I-V Curves



