

50 Watt Photovoltaic Module

BP 350

High-efficiency photovoltaic module using silicon nitride multicrystalline silicon cells.

Performance

Rated power (P_{max}) 50W Nominal voltage 12V Limited Warranty₁ 25 years

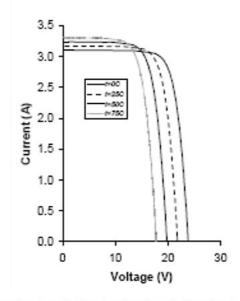
Configuration

BP 350U Clear universal frame and standard J-box

50W 17.5V
2.9A
45W
3.17A
21.8V
(0.065±0.015)%/°C
-(80±10)mV/°C
-(0.5±0.05)%/°C
47±2°C
20A
600V (U.S. NEC & IEC 61215 rating) 1000V (TÜV Rheinland rating)



BP 350 I-V Curves



BP350 50watt panel 2.9 A

\$372.99

www.solarhome.com

\$7.50/watt

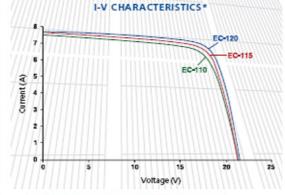
BRIGHT IDEAS, BRILLIANT TECHNOLOGY



CEDAR LINE™ PHOTOVOLTAIC MODULES

Producing our own wafers, cells and modules assures that the highest quality components go into every one of our panels. And since they are made with String RibbonTM technology, our panels take advantage of one of the newest, fastest-growing, most environmentally friendly manufacturing processes available in the world.

Evergreen Solar is a fully integrated, independent company. Solar is our only business. Our commitment to the environment is matched only by our commitment to our customers. If, like us, you want the best in solar, make the pure choice ... Evergreen Solar panels.



ELECTRICAL SPECIFICATIONS*

	EC-110-GL	EC-115-GL	EC-120-GL
Pp (W)	110	115	120
Vp (V)	17.0	17.1	17.6
lp (A)	6.47	6.73	6.82
Voc (V)	21.3	21.3	21.5
Isc (A)	7.48	7.62	7.68
Cells			72
Maximu	ım Series F	use	15A
UL Rate	d System V	/oltage (500V
TOV Ra	ted System	Voltage 8	300V

EC 120 120 watt panel

6.82 A

\$516.99

www.solarhome.com

\$4.30/watt

Specialty Concepts Controller



Support vendors that support us - CVARC communication van controller.

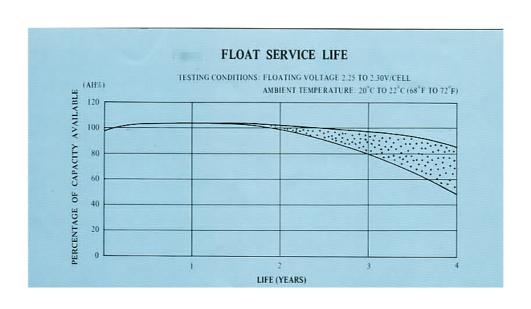
Use only smart controllers or battery chargers that include adjustable full charge cutoff voltage and then switch to float voltage.

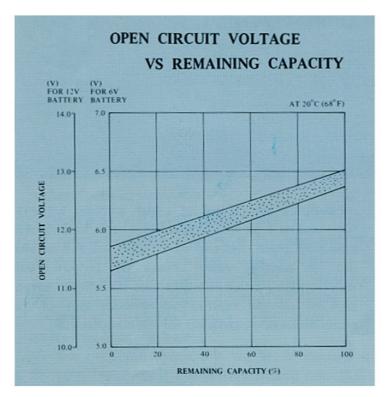
Float voltage feature prevents overcharging and water loss.

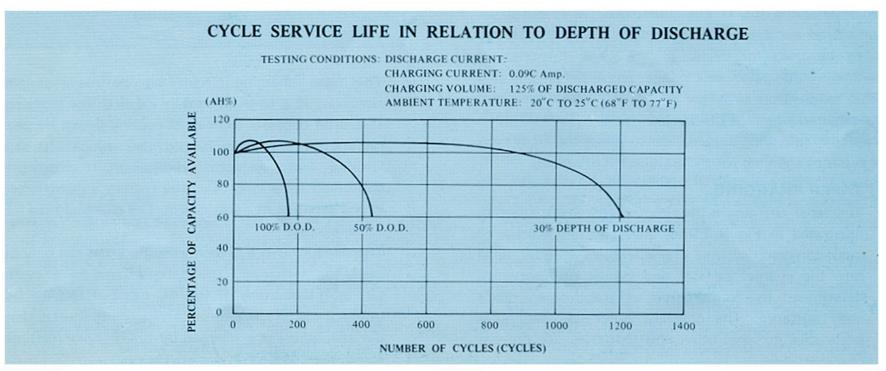
Typical cutoff ~ 14.2 - 14.4v

Typical float ≥ 13.6 v

\$84 www.infinigi.com







100 AH Battery **Typical Voltage Characteristic (70°F)**

