SolarVolt®

www.solarvolt.at

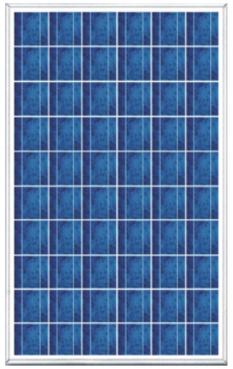
POLY CRYSTALLINE MODULE

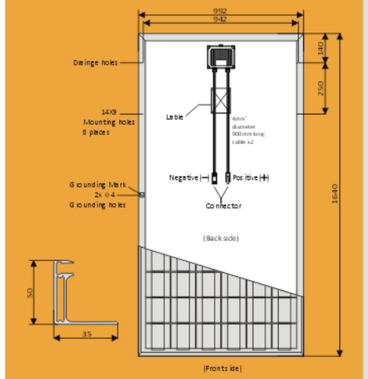
60x6" /200-240S

Model	Pm(Wp)	Tolerance	Vm(V)	Im(A)	Voc(V)	Isc(A)	η
200S	200W	-0 - +3%	28.60	6.98	36.50	7.65	>12.29%
210S	210W	-0 - +3%	29.00	7.24	36.50	7.88	>12.91%
220S	220W	-0 - +3%	29.50	7.45	37.00	8.10	>13.52%
230S	230W	-0 - +3%	29.80	7.73	37.00	8.22	>14.14%
240S	240W	-0 - +3%	30.20	7.95	37.20	8.33	>14.75%

EN61730
EN61215

Data sheet tested by BERGER module simulator at STC, STC: AM 1.5,1000W/m2, 25℃



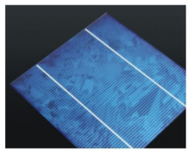


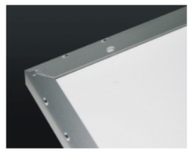
Specifications

- *Number of poly crystalline solar cell 60pcsx6"*
- *Aluminum frame, dimension 1640x992x50mm*
- *Maximum system voltage 1000VDC*
- *Weight 21kg*
- *Voltage temperature coefficien Voc=-0.39%/℃*
- *Current temperature coefficient Isc=+0.033%/℃*
- *Power temperature coefficient Pm=-0.44%/℃*
- *Bypass diodes to reduce loss in partial shadow*
- *MC4 plug system*
- *IP65*
- *RINA/EN61215,EN61730 certificate*
- *Performance test data for each module*
- *Positive power tolerance up to +3%*

25year Quality Guarantee

- *5 years with 100% product guarantee*
- *12 years 90% rated power output*
- *25 years 80% rated power output*





1. technology yields improvements to BSF structure and anti-reflective coating to increase conversion efficiency.

2. Unique design on drainage holes and rigid construction prevents frame from deforming or breaking due to freezing weather and other forces.

SolarVolt®

200-240 Watt

POLY-CRYSTALLINE SOLAR PANEL

Features

High conversion effciency based on innovative photovoltaic technologies
High reliability with guaranteed +3%power output tolerance
Withstands high wind-pressure and snow load, and extreme temperature variations
Sturdy, clear-anodized aluminum frame with pre-drilled holes for quick installation
Advanced EVA encapsulation with triple-layer backsheet, meets the most stringent safety requirements for high-voltage operation
Pre-wired junction box equipped with connectors
Reliable bypass diodes to prevent overheating (hot spot effect) and to minimise power loss by shading.
Manufactured in ISO 9001:2000-certified Factory

Applications

On-grid applications	*Street and camp lights*	*Microwave/radio repeater stations*
Off-grid applications	*Traffic signals*	*Battery charging*
Solar home systems	*Medical facilities in*	*Water pumping*
Remote village lighting	*Remote areas*	*Water purification systems*