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SolarPower

Solarex Photovoltaic Modules

Founded in 1973, Solarex is the first organization to have applied photovoltaic technology to commercial needs on Earth. As a wholly owned subsidiary of BP Amoco, Solarex is the largest manufacturer of polycrystalline silicon PV modules and cells and the leader in the manufacture and commercialization of single and tandem junction thin film silicon technology and modules.

Solarex has ISO 9001-certified manufacturing facilities in Australia and the U.S., and power systems operating on every continent. Solarex has over twenty-five years of research, development and manufacturing experience in advanced polycrystalline silicon technology. Solarex's polycrystalline solar cells are manufactured with SEMIX™ process cast silicon which gives them attractive large crystal grains and low impurities.

The cells are covered with a highly conductive silver paste grid, backed with a strong, conductive aluminum layer and topped with an anti-reflective coating to enhance efficiency. Every cell is tested and categorized by its output current at a reference voltage. Power losses in modules due to mismatched cells are virtually eliminated.

- 36 polycrystalline silicon solar cells.
- Engineered for industrial use.
- Dual voltage capability at 6 and 12VDC. (SX-5 & 10 available in 12VDC only).
- Rugged Universal frames. (SX-5 & SX-10 offered with the "multimount " frame only.)
- Conduit-ready, high-capacity junction box with six terminal connection. (SX-5 & SX-10 have an epoxy-potted junction box and come with 15' of cable.)
- 20 year power warranty on 40 to 85 Watt modules. (10 year on 5 to 30 Watt modules.)
- UL Listed / FM approved / IEC61215 / TÜV. Class C fire rating on 40 to 85 watt modules.
- M, D and U refer to the frame style. M is multimount, D is direct and U is universal.

	Wattage Peak (watts)	Warranty (years)	Weight (LB)
SX-10M	10.	10	3
SX-20U	20.	10	8
SX-30U	30.	10	11
SX-5M	4.5	10	3
SX-60U	60.	20	18
SX-75U	75.	20	24
SX-85U	85.	20	24

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