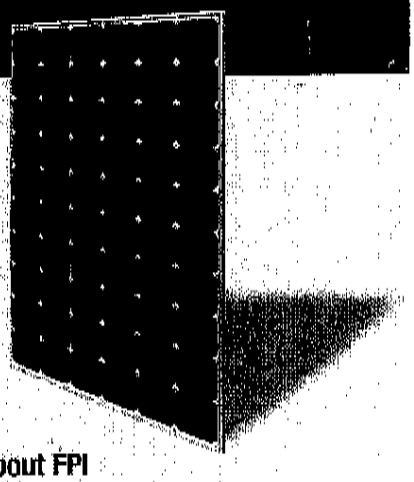


Product Specifications:

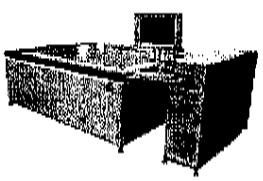
Outside Dimensions:	1630 X 982 X 35 mm
Construction:	High-efficiency crystalline silicon cell technology leading to exceptional performance even in low light conditions; heavy-duty corrosion-resistant aluminum frame with convenient mounting access.
Maximum Power Rating:	220 watts
Cell Size	156 mm
Cell Count	60
Open Circuit Voltage (V_{oc})	35 - 37
Rated Voltage (V_{mp})	27 - 28.5
Rated Current (I_{mp})	7.4 - 8.0
Short Circuit Current (I_{sc})	8.0 - 8.3
Maximum Power (P_{max})	230
Total number of Strings	6
Overall Dimension (mm)	1630 x 982 x 35
Weight (lbs)	50
Temp. Coeff. of Voltage (mv/°C)	-132 ± 10
Temp. Coeff. of Isc (%/°C)	0.060 ± 0.015
Temp. Coeff. of Power (%/ °C)	-0.5 ± 0.05
Maximum System Voltage	1000
Maximum Series Fuse, (A)	20
NOCT (°C)	46 ± 3 °C
Operating Temperature (°C)	-40 to +85 °C
Efficient and rugged:	Highly transparent tempered glass delivering more power and ensuring high impact resistance and protection against hail, snow, ice and storms.
Warranty:	UL-approved and (12 year warranty on 90% of the minimum output, 25 year warranty on 80% of the minimum output).

Leading-edge Manufacturing Equipment:

Computer-controlled Assembler: Automated and programmable to produce high-quality solar cell strings; snugging system for accurate cell alignment; high-intensity light soldering for continuously soldered contacts, minimal force on cells and low thermal stress.

Sun Simulator PV Module Testing System: Panels tested for performance with light sources that closely match the solar spectrum. Pulsing light avoids excessive solar cell heating of continuous sources.

Computerized Solar Module Laminator: Encapsulated solar cells with ethylene vinyl acetate (EVA) polymer between front and back covers; can handle glass superstrate, double glass or flexible modules; provides constant temperature and cycle-time trend data for exacting process monitoring.



About FPI

The FPI Electronics Group plays a critical role supplying electrical components and equipment for the U.S. military and providing electrical products for Homeland Security and other vital federal agencies as well as for commercial applications.

We offer high-quality, cost-effective and high-volume manufacturing capabilities and immediate production capacity to OEMs and other companies that provide products under federal contract to U.S. government agencies.

The Electronics Group is one of seven business groups within FPI, a self-funded, self-supporting government corporation that uses no taxpayer money. In addition to producing quality, cost-competitive products for government customers, FPI has another vital role in society.

We provide meaningful work experience, technical training and career counseling, that creates a sense of self-worth, solid work ethic and fosters future productive citizens. Doing business with FPI is a great way to put your federal procurement dollars to work.

Call us to see how our focus on customized service, expertise in a wide range of high-quality, advanced electronics & fast-turnaround time can meet your need for high-quality, high-performance solar panels.

FPI

Federal Prison Industries (FPI), a supplier of electronics and electrical products for the most demanding military and federal agency uses, is introducing a new line of solar panels.

Each rigid photovoltaic solar panel produces 220 watts of maximum power output and is manufactured with the latest technology in an ISO 9001:2000, Lean Six Sigma environment at our facility in Otisville, N.Y.

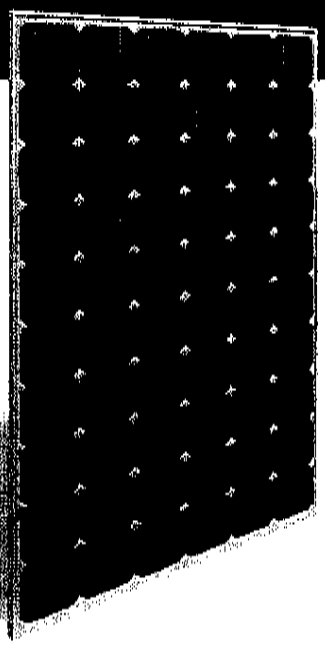
Because FPI solar panels are made in America and have a domestic supply chain, we can provide federal customers with more rapid and assured availability.

FPI aims to become an important provider in the photovoltaic manufacturing business supplying the federal government.

Our high-quality, competitively priced and domestically sourced solar panels can help federal customers more readily meet renewable energy requirements in the Energy Policy Act of 2005 and Executive Order 13423.

Manufactured in the U.S. for U.S. Markets

Solar panels are being produced at our Otisville, NY, facility, which has 160 inmate workers and 14 staff members who are highly skilled in electronics. This 33,000 square-foot plant and warehouse is ISO 9001:2000 registered and operates in a Lean Six Sigma environment.



PHOTOVOLTAIC SOLAR PANEL