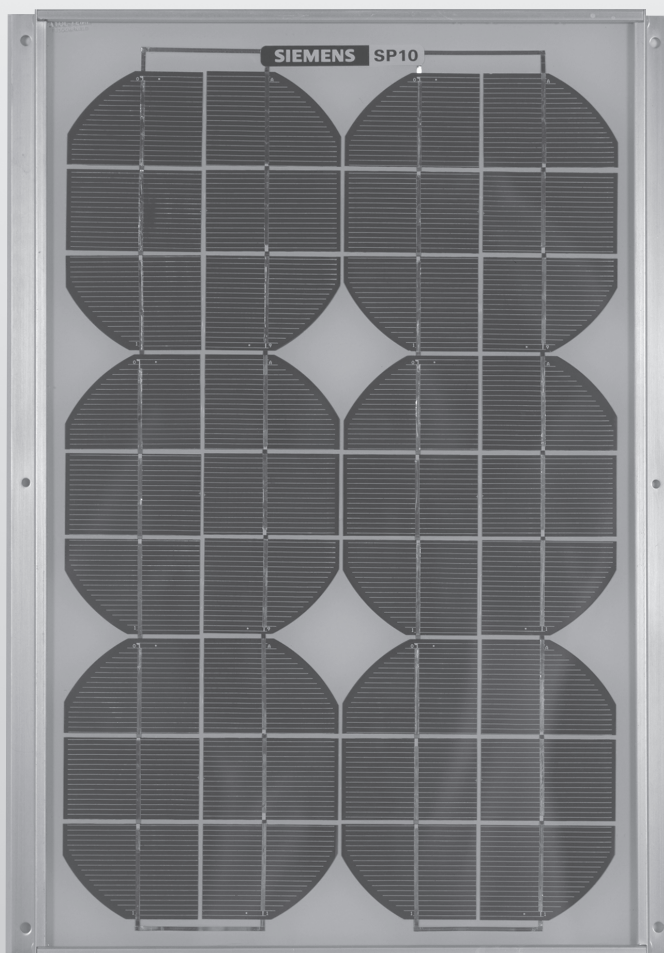


# SIEMENS

## Solar module SP10



When it comes to reliable and environmentally-friendly generation of electrical power from sunlight, solar modules from Siemens provide the perfect solution. Manufactured in compliance with the most stringent quality standards, they are designed to withstand the toughest environmental conditions and are characterized by their long service life. Siemens solar modules are covered by a 10-year limited warranty on power output - your guarantee of trouble-free solar power generation.

### **PowerMax® technology**

Siemens proprietary PowerMax® technology optimizes the energy production of individual cells and solar modules for all types of environmental conditions. PowerMax process optimization includes a special refining technique for ingots, a clean room semiconductor grade production process and a multistage proprietary TOPS™ process (Texture Optimized Pyramidal Surface). The TOPS process incorporates the formation of textured pyramids on the surface of the solar cell. These pyramids are then treated with special oxides to passivate the surface. TOPS also maximizes photon absorption from direct and diffused light (typical under cloudy conditions).

This means that light absorption is especially high, even at low light levels. Siemens PowerMax® solar cells deliver maximum energy throughout the day.

### **Solar module SP10**

- Power rating: **10.5 Watts**
- Single crystalline PowerMax® solar cells, textured for maximum output ratios
- Rugged weather-proof design
- For smaller industrial and commercial applications such as electric fences or lanterns as well as charging of 12 V batteries
- 10-year limited warranty