

## SP120-FOLDING monocrystalline photovoltaic module

### MOST PORTABLE, EFFICIENT & COMPACT

120 watt folding monocrystalline module has multiple advantages. These solar modules are made with Sun Power back-contact monocrystalline solar cells. The cells have a unique structure, different from conventional cells, they yield average conversion efficiencies up to 21%. PV COOL uses the highest quality materials in the manufacture of our solar modules, has excellent quality control and has qualified our factory to ISO 9001 standards for manufacturing.

#### Features

- Weight 10kg only
- Cells with high conversion efficiency up to 21%
- Due to higher efficiency the modules are 1.5 times smaller in size and weight than modules made with conventional cells 730mm x 527mm x 70mm(folded).
- Easy adjustable angle with 2 legs support
- Modules are made with high quality materials which qualifies the high reliability of the module.
- Very Low Power Temperature coefficient
- Modules are used in Defense Forces of Russian Federation

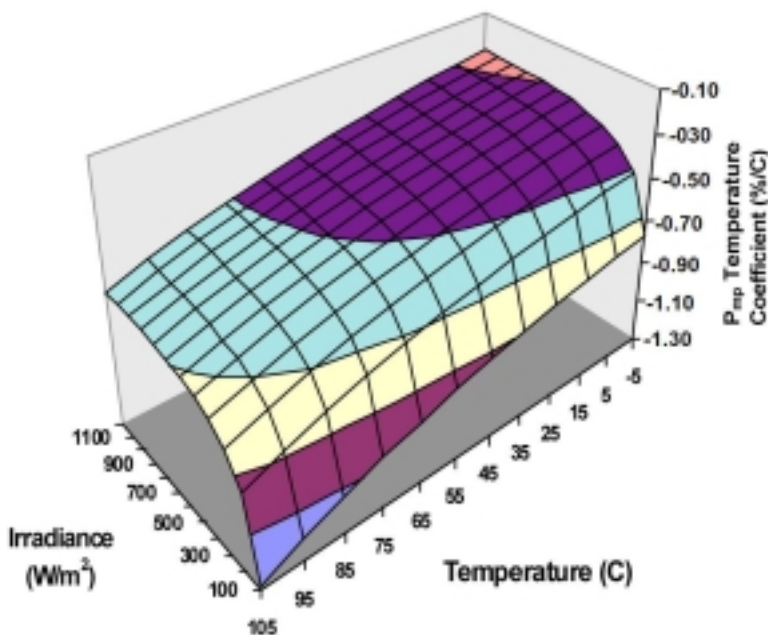


Fig1. Maximum power temperature coefficient for SP module as a function of irradiance and temperature

#### Limited Warranty

10 years limited power warranty of 90% of the minimum specified power rating.

#### Applications

- Portable power supply
- Desalination systems
- Water pumping
- Electricity for motorhomes and caravans
- Camping power supply
- Backup power
- Emergency use power supply
- Military use
- Exploration, survey and mining

