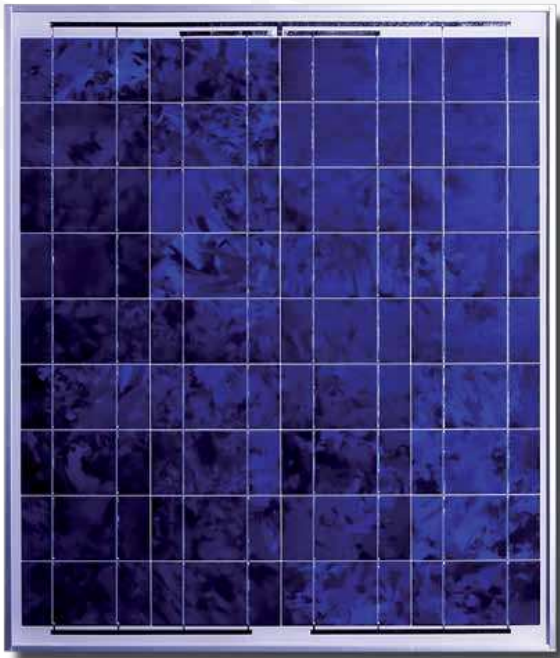




Solar Panel Polycrystalline

Model
CS6E-50P
50 Watts



Design Features

- Strong framed module, passing mechanical load test of 5400Pa to withstand heavier snow load
- The 1st manufacturer in PV industry certified for ISO:TS16949 (The Automotive Quality Management System) in module production since 2003
- ISO17025 qualified manufacturer owned testing lab, fully complying to IEC, TUV, UL testing standards

Applications

- Power supply for remote telecommunication equipment
- Traffic, security environment, and other remote monitoring and signalling systems
- Water pumping systems
- Rural area applications
- Other off-grid applications

Quality Certificates

- IEC61215, IEC61730, UL1703 (pending), CE
- ISO9001: 2008: Standards for Quality Management Systems
- ISO/TS16949: 2009: Automotive Quality Management System

Environmental Certificates

- ISO14001: 2004: Standards for Environmental Management Systems
- QC080000 HSPM: Certification for Hazardous Substances Regulations

		CS6E-50P
ELECTRICAL DATA	NOMINAL MAXIMUM POWER AT STC (P_{MAX})	50 Watts
	OPTIMUM OPERATING VOLTAGE (V_{MP})	17.6 V
	OPTIMUM OPERATING CURRENT (I_{MP})	2.84 A
	OPEN CIRCUIT VOLTAGE (V_{OC})	22.0 V
	SHORT CIRCUIT CURRENT (I_{SC})	3.05 A
	CELL TYPE	Polycrystalline
	CELL ARRANGEMENT	36 (4 x 9)
MECHANICAL DATA	DIMENSIONS, INCHES (L x W x H)	26.20 x 23.94 x 1.38 in
	DIMENSIONS, MM (L x W x H)	666 x 608 x 35 mm
	WEIGHT, KG / LBS	5.1 kg / 11.24 lbs
	FRONT COVER	Tempered glass
	FRAME MATERIAL	Anodized aluminum alloy
	STANDARD PACKAGING (MODULES PER PALLET)	52 per pallet (104 pieces)
	WARRANTY	25 year manufacturers limited warranty

NOTES:

1. Rated electrical characteristics are within $\pm 10\%$ of measured values at Standard Test Conditions of 1000 W/m^2 or 100mW/cm^2 irradiance, AM 1.5 Spectrum and cell temperature of 25°C .
2. Specifications are subject to change without notice.

Revised December 7, 2011