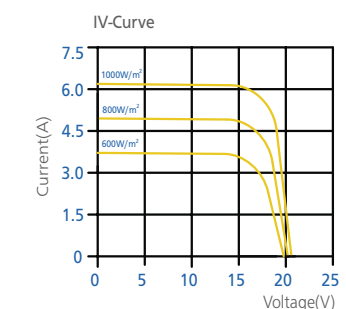
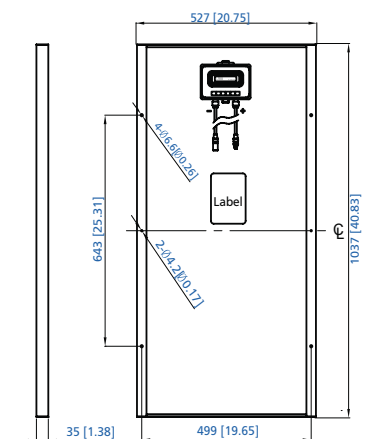
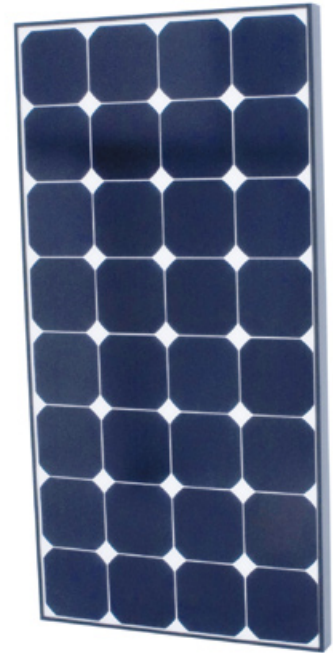


Solar module PN SPR S100

These 100W monocrystalline modules have multiple advantages. These modules are made of back-contact monocrystalline solar cells which have an aesthetically pleasing appearance. The cells have a unique structure, different from conventional cells, they yield average conversion efficiencies up to 20%.

Performance features:

- Photovoltaic modules made with unique back connected cells
- Cells with high conversion efficiency up to 20%
- Black modules available on request
- Manufactured in ISO9001 certified factory
- Also available in various frame colours
- Designed to charge 12 to 48 V batteries for off-grid remote systems
- Made of high quality materials which ensures a high reliability of the modules



Note: all electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temp. 77°F/25°C)

Technical Data		PN SPR S100
Electrical Parameters		
Max Power (Pm)		100W
Voltage at Max Power (Vmp)		18.0V
Current at Max Power (Imp)		5.56A
Open Circuit Voltage (Voc)		21.6V
Short Circuit Current(Isc)		6.06A
Cell Efficiency		21.4%
Module Efficiency		18.3%
Max Power Tolerance		-5/+10%
Nominal Operating Cell Temp.		46°C ±2
Max System Voltage		70V
Mechanical Parameters		
Cells Type & No.		32 Mono. BackContact
Frame		>15µm clear anodized
Junction Box		Cixi Renhe/PV-RH0502 (IP65)
Connector		Cixi Renhe
Cables		Cixi Renhe 12AWG 900mm (35.4in)
Dimensions		1037 x 527 x 35 mm
Weight		7.4kg (16.3 lbs)
Temperature Coefficients		
Power		-0.38%/°C
Voltage		-60.8mV/°C
Current		3.5mA/°C

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SURTEC solaire . éolien

9 Rue des Artisans
38560 Champ Sur Drac

Tél.: 04 76 98 83 57 Fax: 04 76 98 79 04
Email: surtec@surtec.fr Internet: www.surtec.fr