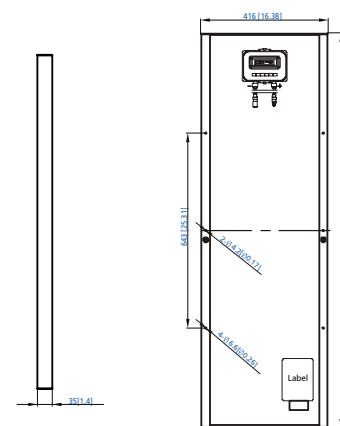


Phaesun Solar module PN SPR S85S

Phaesun's 85W (small) monocrystalline modules has multiple advantages. These modules are made with back-contact monocrystalline solar cells which are aesthetically please in 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
- Design to charge 12 to 48 V batteries for off-grid remote systems
- Made with high quality materials which qualifies high reliability of modules



Technical Data		PN SPR S85S
Electrical Parameters		
Max Power (Pm)		85 W
Voltage at Max Power (Vmp)		16,8 V
Current at Max Power (Imp)		5,06 A
Open Circuit Voltage (Voc)		20,3 V
Short Circuit Current(Isc)		5,67 A
Cell Efficiency		18.9%
Module Efficiency		15,7%
Max Power Tolerance		±5%
Nominal Operating Cell Temp.		46°C ±2
Max System Voltage		70V
Mechanical Parameters		
Cells Type & No.		30 Mono. BackContact
Frame		>15µm clear anodized
Junction Box		AM-1103-2
Cables		12AWG 1000mm
Dimensions		1302 x 416 x 35 mm
Weight		7,15 kg (15,67 lbs)
Temperature Coefficients		
Power		-0.38%/°C
Voltage		-57 mV/°C
Current		3,5 mA/°C

