

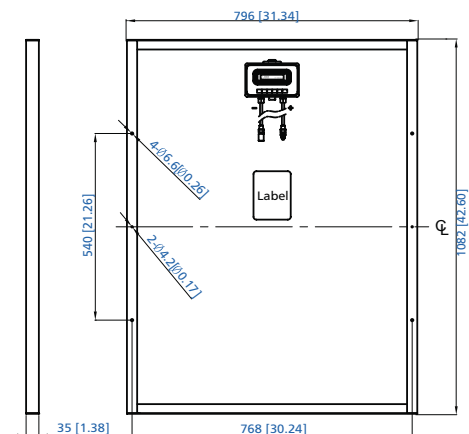
Phaesun Solar module PN SPR S130

Phaesun's 130W monocrystalline modules have multiple advantages. These modules are made of back-contact monocrystalline solar cells which are 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



| Technical Data | | PN SPR S130 |
|---------------------------------|--|---------------------------------|
| Electrical Parameters | | |
| Max Power (Pm) | | 130 W |
| Voltage at Max Power (Vmp) | | 19,6 V |
| Current at Max Power (Imp) | | 6,64 A |
| Open Circuit Voltage (Voc) | | 23,5 V |
| Short Circuit Current(Isc) | | 7,44 A |
| Cell Efficiency | | 18.9% |
| Module Efficiency | | 15.1% |
| Max Power Tolerance | | ±5% |
| Nominal Operating Cell Temp. | | 46°C ±2 |
| Max System Voltage | | 70V |
| Mechanical Parameters | | |
| Cells Type & No. | | 144 Mono. BackContact |
| Frame | | >15µm clear anodized |
| Junction Box | | Cixi Renhe/PV-RH0502 (IP65) |
| Connector | | Cixi Renhe |
| Cables | | Cixi Renhe 12AWG 900mm (35.4in) |
| Dimensions | | 1082 x 796 x 35 mm |
| Weight | | 12.25kg (27.0 lbs) |
| Temperature Coefficients | | |
| Power | | -0.38%/°C |
| Voltage | | -68.4mV/°C |
| Current | | 4.67mA/°C |

