

Solar Modules / Solarmodule **Sun Peak SPR** (with Standard4)

310408, 310409, 310410 • DE/EN • 05/2020

Phaesun's Solar Modules Sun Peak monocrystalline modules has multiple advantages. These modules are made with back-contact monocrystalline solar cells which are aesthetically pleasing in appearance. The cells have a unique structure, different from conventional cells, they yield average conversion efficiencies up to 20%.

The new Sun Peak solar module line is equipped with Standard 4 connectors!

Product Features:

- Photovoltaic modules made with unique back connected cells
- Cells with high conversion efficiency up to 20%
- Design to charge 12 to 48 V batteries for off-grid remote systems
- Made with high quality materials which qualifies high reliability of modules
- Standard 4 connectors for easy installation!

Die Phaesun Solarmodule Sun Peak SPR verfügen über Rückkontakt-Siliziumsolarzellen mit einer einzigartigen Struktur, die einen bis zu 20% höheren Wirkungsgrad ermöglicht. Sie sind ideal für netzferne Anwendungen und optisch ansprechend.

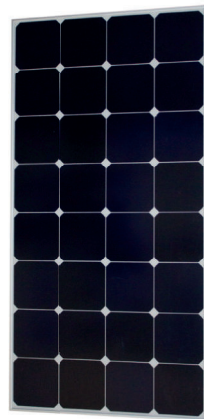
Die neue Sun Peak Serie verfügt über Standard 4 Verbinder!

Besondere Merkmale:

- Photovoltaik-Module mit Rückkontakt-Siliziumsolarzellen
- Über 20 % Wirkungsgrad
- Für 12 V- bis 48 V-Batterien in Off-Grid-Systemen
- Hohe Zuverlässigkeit dank hochwertiger Materialien
- Standard4 Verbinder für die einfache installation



Sun Peak SPR 120
Sun Peak SPR 120_46



Sun Peak SPR 120 Silver



Standard4 connectors /
Standard4 Verbinder

| Technical Data | | Technische Daten | | Sun Peak SPR 120 | Sun Peak S PR 120_46 | Sun Peak SPR 120 Silver |
|----------------------------|-------------------------------|------------------|-----------------|--|-------------------------|----------------------------|
| Systemvoltage | Systemspannung | VDC | V | 12 | | |
| Max Power | Maximale Nennleistung | Pmp | W | 120 | | |
| Voltage at Max Power | Spannung. bei Maximalleistung | Vmp | V | 20,1 | | |
| Current at Max Power | Strom bei Maximalleistung | Imp | A | 5,98 | | |
| Open Circuit Voltage | Leerlaufspannung | Voc | V | 24,1 | | |
| Short Circuit Current | Kurzschlussstrom | Isc | A | 6,46 | | |
| Cells | Zellen | | | 32 mono back contact | | |
| Module Efficiency | Modulwirkungsgrad | | % | 22,0 | | |
| Max Power Tolerance | Max. Leistungstoleranz | | % | +10% / -5% | | |
| Max System Voltage | Max. Systemspannung | | V | 70 | | |
| Operating Temperature | Betriebstemperatur | | °C | - 40 ... + 85 | | |
| Frame | Rahmen | | | Scratch Resistant Anodized Aluminum with Twin-Wall Profile Eloxiertes, kratzfestes Aluminium-Hohlkammerprofil | | |
| Back side (colour) | Rückseite (Farbe) | | | white weiß | | |
| Glass | Glas | | | Tempered glass / gehärtetes Glas | | |
| Frame (colour) | Rahmen (Farbe) | | | black schwarz | silver silber | |
| Junction Box | Anschlussdose | | | IP65 | | |
| Cable cross section | Kabelquerschnitt | | mm ² | 4 | | |
| Cabel length | Kabellänge | l | mm | 900 | | |
| Connector | Stecker | | | Standard4 | | |
| Dimensions | Abmessungen | X x Y x Z | mm | 1037 x 527 x 35 | 1037 x 527 x 46 | 1037 x 527 x 35 |
| Mounting Holes Pitch | Befestigungslochabstand | x1/y/x2 | mm | 643 / 499 / - | | |
| Mounting Holes Pitch Diam. | Befestigungslochdurchmesser | d1 | mm | 9x11 | | |
| Weight | Gewicht | | kg | 7,4 | 7,6 | 7,4 |
| Power | Leistung | TK_P | %/°C | -0,38 | | |
| Open Circuit Voltage | Leerlaufspannung | TK_Voc | %/°C | -0,27 | | |
| Short Circuit Current | Kurzschlussstrom | TK_Isc | %/°C | 0,05 | | |
| Packaging | Verpackung | | | single / einzeln | | |
| Art.-No. | Art.-Nr. | | | 310408 | 310410 | 310409 |