

OFF-Grid Inverter SGPC



Highlights of the off grid inverter

- High efficiency max. 94%
- Pure sinus wave
- USB charge 5V 1 A
- Optional voltage control
- Wide range of different plug



Reverse polarity protection



Overload protection



Overtemperature protection



Low/Over voltage protection



Short current protection

Technical data:

| Model | SGPC500 | SGPC1000 | SGPC1500 | SGPC2000 | SGPC3000 | SGPC4000 | SGPC5000 |
|------------------------|--|----------------|---------------|-------------|--------------|----------------|----------------|
| Rated Power | 500W | 1000W | 1500W | 2000W | 3000W | 4000W | 5000W |
| Surge Power | 1000W | 2000W | 3000W | 4000W | 6000W | 8000W | 10000W |
| Input Voltage | 12/24/48 VDC | | | | | 24 / 48VDC | |
| Output Voltage | 110/220VAC ±5% | | | | | | |
| USB / USB Port | 5V 1A | | | | | | |
| Frequency | 50Hz ±3 or 60Hz ±3 | | | | | | |
| Output Waveform | Pure Sinus Wave | | | | | | |
| Soft Start | Yes | | | | | | |
| Charging current | 10/20/30 A optimal | | | | | | |
| Priority | Grid first | | | | | | |
| Transfer time | 4 ms | | | | | | |
| Output Efficiency | 94% max. | | | | | | |
| Coiling Way | Intelligent Cooling Fan | | | | | | |
| Protection | Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit | | | | | | |
| Working Temperature | -10°C - + 50°C | | | | | | |
| Dimension (LxWxH) [cm] | 23.2x15x7.8 | 32.6x16.5x8.7 | 36.2x16.5x8.7 | 43x16.5x8.7 | 41x21.6x15.6 | 46.5x21.6x15.6 | 46.5x21.6x15.6 |
| Meas/Ctn (LxWxH) [cm] | 63x34x38.5 | 67.5x37.3x29.7 | 52x47.5x38 | 52x47.5x38 | 52.5x31.5x25 | 57.5x31.5x25 | 57.5x31.5x25 |
| N.W./Unit [kg] | 2.0 | 3.1 | 4.3 | 5.2 | 9 | 10 | 10.5 |
| G.W./Ctn | 24 | 22 | 20 | 24.5 | 11 | 12 | 12.5 |
| Packing | Honeycomb carton | | | | | | |
| Warranty | 1 Year | | | | | | |

Product specifications are subject to change without further notice

