

OFF-Grid Inverter SGPE



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	SGPE300	SGPE500	SGPE1000	SGPE1500	SGPE2000	SGPE3000	SGPE4000	SGPE5000	SGPE6000	SGPE8000
Rated Power	300W	500W	1000W	1500W	2000W	3000W	4000W	5000W	6000W	8000W
Surge Power	600W	1000W	2000W	3000W	4000W	6000W	8000W	10000W	12000W	16000W
Input Voltage	12/24/48 VDC							24/48 VDC		
Output Voltage	110/220VAC ±5%									
USB / USB Port	5V 1A									
Frequency	50Hz ±3 or 60Hz ±3									
Output Waveform	Pure Sinus Wave									
Soft Start	Yes									
THD / AC Regulation	THD <3% (Linear Load)									
Output Efficiency	94% max.									
Colling 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]	19.5 x 11.2x6	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	50x21.6x15.6	55x21.6x15.6
Meas/Ctn (LxWxH) [cm]	51x49x30.7	63x34x38.5	67.5x37.3x29.7	52x47.5x38	52x47.5x38	52.5x31.5x25	57.5x31.5x25	57.5x31.5x25	62x31.5x25	65x31.5x25
N.W./Unit [kg]	1.0	2.0	3.1	4.3	5.2	9	10	10.5	12	14
G.W./Ctn	23	24	22	20	24.5	11	12	12.5	14	16
Packing	Honeycomb carton									
Warranty	2 Years									

Product specifications are subject to change without further notice

