



Power Systems

SPO-A Series

Single Phase Off - Grid Inverter
With Transformer



Features

- Advanced IGBT module with high reliability.
- Realize various intelligent control functions basing on DSP full digital control technology.
- Perfect protection function, higher system reliability.
- Data communication through Rs232 port of computer to realize monitoring of operation status.
- Aesthetic appearance, functional integrity, friendly human-machine interface
- Equipped with output isolation transformer.



■ SPECIFICATION

Parameters	Model	SPO700-A	SPO1000-A	SPO2000-A	SPO3000-A	SPO6000-A	SPO10000-A
DC Input Data							
Rated DC Input Current (A)		44	36	55	25	41	
Rated DC Voltage (VDC)		12	24	48	192		
DC Voltage Range (VDC)		9.9~14.3	21.0~28.6	42~57.2	175~224		
AC Output Data							
Rated AC Output Power (VA/W)		700/420	1000/700	2000/1400	3000/2100	6000/4200	10000/7000
Rated Output Voltage (V)		220±10%		220/230/240±2%			
Rated Output Frequency (Hz)		50±0.5%		50±0.1%		50±0.5%	
Harmonic Distortion		no data	THD<3 (Linear Load)				
Power Factor		0.6		0.7			
Overload Capacity		110%-125% for 30s; > 125% for 3s	>120% for 1min; >150% for 1s			>105% for 10min; >125% for 1min	
Inverter Efficiency		>80%			>89%		
Peak Factor		no data	3:1				
Other							
Protection Level		IP20					
Operating Ambient Temperature		0°C~+40°C					
Operating Ambient Humidity		0~90%			0~95%		
Reference Dimension (W x D x H) (mm)		120 x 395 x 220	156 x 450 x 220	198 x 525 x 347		230 x 620 x 470	300 x 740 x 700
Reference Weight (Kg)		8	13	26	30	45	83
Communication Port		RS232					

- Specification are subject to change without prior notice.



Uninterruptible Power Supplies

