

# Off-grid Inverter

## SPO-A Single Phase Series (0.7~10kVA)

- » Intelligent Battery Management
- » Backup Power Supply
- » Flexible Working Mode Transfer

### High Reliability:

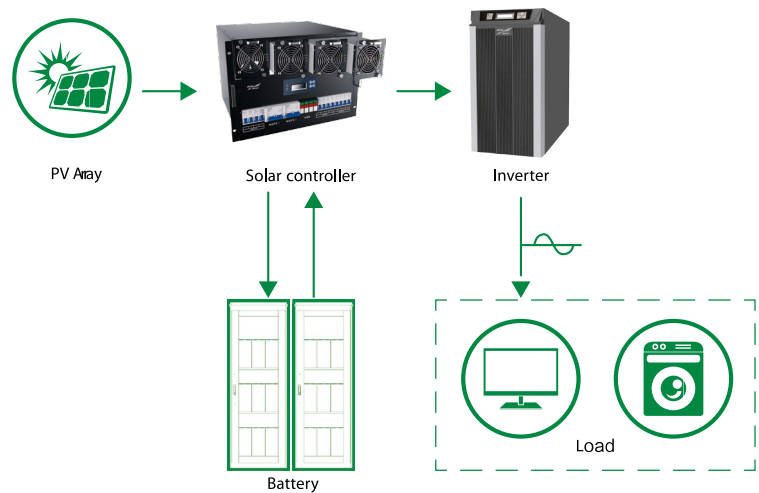
- With high performance IGBT module
- Output isolation transformer
- Full digital control technology
- No-master-slave parallel technology

### High Performance:

- With AC bypass and AC charger (option)
- Battery low voltage protection and automatic restart function when battery recover
- Automatically transfer to AC bypass when battery low
- Perfect protection: over temperature, over load, output short circuit and low battery voltage ,etc.

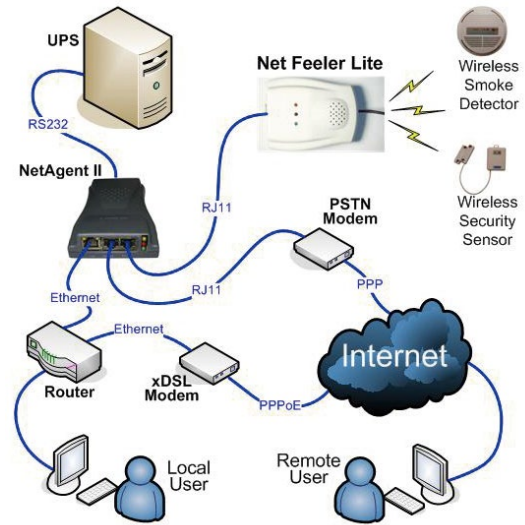
### Smart Management:

- Intelligent battery management
- Flexible grid and generator management
- Remote monitor by internet (option)



### Advanced Communication:

- Configurable communication interface module
- Flexible Network Management
- End-to-end monitoring
- Alerts users of a power event or pre-specified condition
- Automatically shut down your servers with software



### Technical Specification:

Items	SPO700-A	SPO1000-A	SPO2000-A	SPO3000-A	SPO6000-A	SPO10000-A
<b>Input</b>						
DC voltage (Vdc)	12	24	48	48	192	192
AC Voltage (Vac)	140~280		150~300		165~275	
Frequency (Hz)	50/60±5%					
<b>Output</b>						
Power Factor	0.6			0.7		
Voltage (Vdc)	220 (230, 240 option)					
Frequency (Hz)	50/60±0.5% (battery mode)					
THDU	/	THD≤3% (linear load)				
Efficiency (DC-AC)	80%	80%	85%	88%	90%	
Overload capacity	>110% 30s >125% 3s	>120% 60s >150% 1s			>105% 10min >125% 60s	
<b>Others</b>						
Communication Interface	RS232				RS232/RS485 and dry contact	
Protection level	IP20					
Working Temperature	0 ~ 40°C					
Relative Humidity	0 ~ 95%, No condensation					
Dimension (WxDxH) (mm)	120×395×220	156×450×220	198×525×347		230×610×470	300×610×530
Weight (Kg)	8	13	26	30	44	65

- The specification and appearance are subject to change without prior notice.