

# Spirit One 1-3kVA



ON-LINE

## Applications



## 2 Sizes and 3 Power levels



1000VA

2000/3000VA

## Specifications

- On-line “double conversion” technology (VFI)
- Output power factor 1.0
- Internal static bypass
- Input power factor up to 0.99
- Battery (DC) cold start
- Site wiring fault indication
- Self testing at UPS startup
- EPO Contact
- Intelligent management through RS232 & USB

### Options:

- SNMP adapter
- Relay card (dry contacts)
- Additional / external battery packs

- 2 years warranty

## Smallest footprint with best quality/price ratio!



The comprehensive graphic display provides easy read-out status of the UPS from the screen, such as input, voltage, load level, battery level, error code...

## Monitoring Software Included

### Smart USB



It offers real-time power and UPS status monitoring with automatic or scheduled shutdown and many other advanced power management functions.



Spirit One	Model		
	1000VA	2000VA	3000VA
Power	1000W	2000W	3000W
<b>— Input</b>			
Nominal voltage	208/220/230/240Vac (single phase with ground)		
Voltage range	176-264Vac at 100-50% load ; 110-300Vac at 50-0% load		
Frequency range	40-70Hz		
Power factor	0,98 at 100% load		
Bypass voltage range	176-264Vac		
Power Plug	fixed mounted		
<b>— Output</b>			
Voltage	208/220/230/240Vac		
Power factor	1.0		
Voltage regulation	±1% at nominal voltage		
Frequency (AC mode)	46-54Hz or 56-64Hz ± 0,1Hz		
Frequency (Battery mode)	50/60Hz ± 0,1Hz		
Crest factor	3:1		
Harmonic distortion (THDv)	≤ 3% linear load ; ≤ 5% no-linear load		
Waveform	Pure sine wave		
Outlets	(IEC C13-10A)x4	(IEC C13-10A)x8 + terminal block 1x	
Efficiency (AC mode)	88%	90%	
Efficiency (Battery mode)	85%		
Transfer Time (AC mode)	0ms		
Transfer Time (Bypass)	<4ms		
<b>— Battery (internal)</b>			
Type	12V 9Ah (AGM)		
Quantity	2pcs	4pcs	6pcs
Recharge time at 90%	4 hours		
Charge current	1A		
Nominal voltage	24Vdc	48Vdc	72Vdc
Charger mode	3 steps (egalization/boost/floating)		
<b>— System Features</b>			
Overload capacity	105-125% at 60s ; 125-130% 30s ; >130% direct		
Protection	short-circuit, overheat, low battery voltage		
EPO	Shut down UPS immediately		
Audible & visual alarms	Line Failure, Battery Low, Overload, System Fault		
Communication interface	RS232, USB, EPO, intelligent slot, SNMP, relay card		
<b>— Environment</b>			
Operating temperature	0-40°C		
Humidity	less than 1500m / 20-95% non-condensing		
Noise level	<55dB at 1m		
Altitude	<1500m		
<b>— Physical</b>			
Dimensions (WxDxH)	144x293x209mm	191x460x337mm	
Weight	9,3kg	19,5kg	24,5kg
<b>— Standard</b>			
Safety	IEC/EN62040-1, IEC/EN60950-1		
EMC	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4 IEC61000-4-5, IEC61000-4-6, IEC61000-4-8		

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