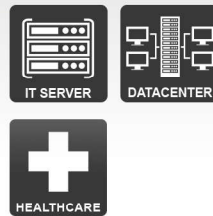


# Spirit One RT 1-3kVA



ON-LINE

## Applications



## Convertible Rack/Tower



## Specifications

- On-line “double conversion” technology (VFI)
- Output power factor at 1.0
- Internal static bypass
- Very large input voltage range
- Battery backup time on LCD
- Operation on ECO mode
- Convertible design for 19” Rack or Tower
- 2 output segments for load shedding
- RS232, USB, Smart slot, RJ45, EPO
- Battery (DC) cold start
- Software and USB cable included
- High efficiency up to 95%
- Backfeed protection

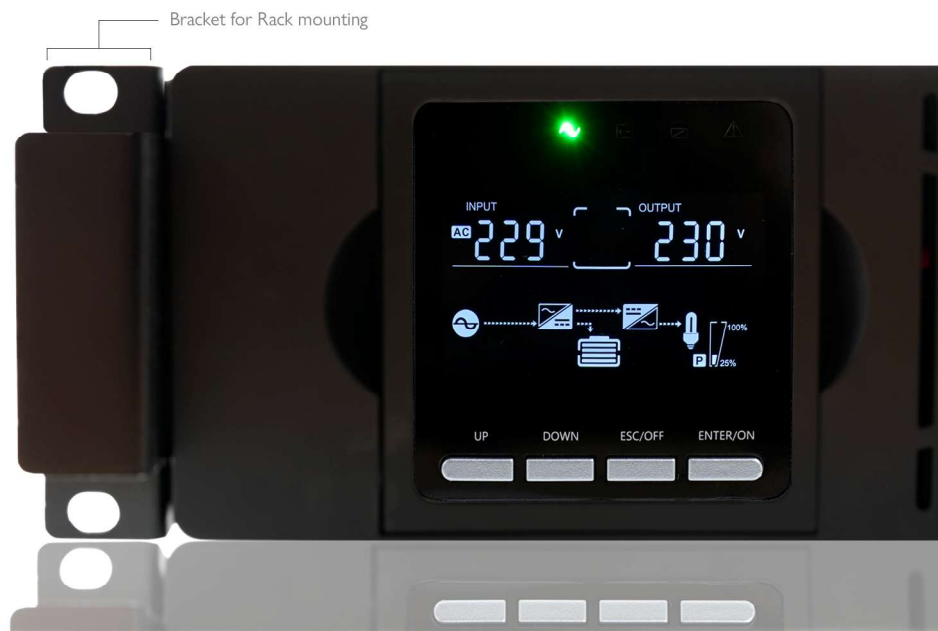
### Options:

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

The Spirit One RT is designed for IT applications like datacenters, server rooms, communication systems or security equipments.

The multifunction graphical LCD display is convertible for Rack and Tower use. It shows input, output, battery and user helpful parameters.

The UPS is equipped with an internal hot-swappable battery compartment to ensure very easy and fast maintenance.





Spirit One RT	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 @ 100-50% load ; 110-300Vac @ 50-0% load		
Frequency range	40-70Hz		
Power factor	0,99		
Bypass voltage range	170-264Vac		
Power Plug	IEC320 C14-10A	IEC320 C14-10A	IEC320 C20-16A
<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)x8	(IEC C13-10A)x8	(IECC13-10A)x8 + (IECC19-16A)x1
Efficiency (AC mode)	88%	90%	90%
Efficiency (Battery mode)	85%	86%	87%
Transfer Time (AC mode)	0ms		
Transfer Time (Bypass)	<4ms		
<b>— Battery (internal)</b>			
Type	12V 9Ah (AGM)		
Quantity	2 pcs	4 pcs	6 pcs
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	20-90% RH @ 0-40°C (non-condensing)		
Noise level	<55dB @ 1m		
Altitude	<1500m		
<b>— Physical</b>			
Dimensions (WxDxH)	440x325x86,5mm (2U)	440x460x86,5mm (2U)	440x600x86,5mm (2U)
Weight	11,3kg	19,5kg	26,2kg
<b>— Standards</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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