

# Spirit One RT 6-10kVA



ON-LINE

## Specifications

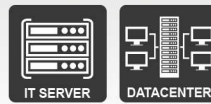
- On-line "double conversion" technology (VFI)
- DSP (Digital Signal Processor) technology
- Wide input voltage range (120-276V or 208-478V)
- Wide frequency range 40-70Hz +/-0,5Hz
- Input power factor up to 0.99 and high output power factor 1.0
- Rack/Tower design with convertible display
- Input power factor correction (PFC)
- Battery (DC) cold start
- ECO-mode for energy saving
- Self testing at UPS startup
- Selectable amount of batteries : 20pcs
- Backup-time indication on the display
- EPO contact (Emergency Power Off)
- Intelligent management through RS232 slot, USB
- Including monitoring software
- Backfeed protection

### Options:

- SNMP card, relay card

- 2 years warranty

## Applications



## Convertible Rack/Tower

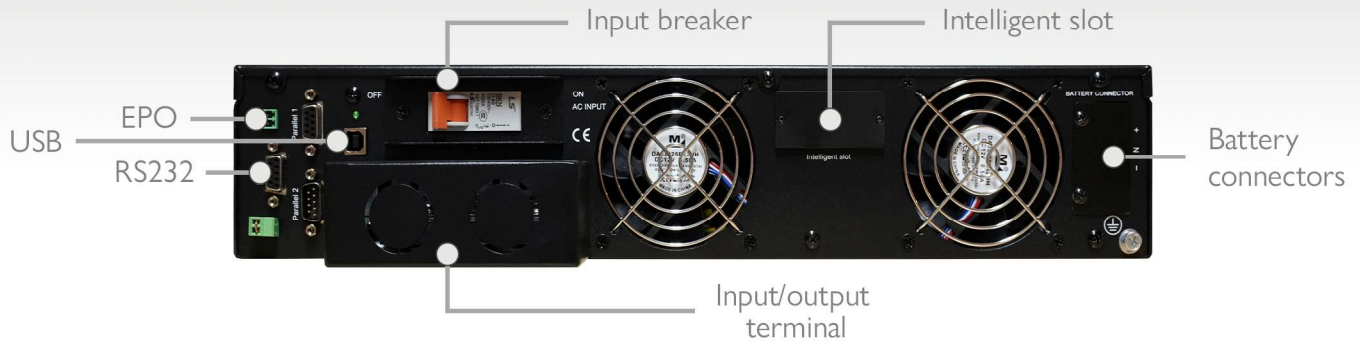


The Spirit One RT is designed for IT applications like datacenters, server rooms, communication systems or security equipments.

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	
	6000VA	10000VA
Power	6000W	10000W
<b>— Input</b>		
Nominal voltage	☒08/220/230/240Vac (single phase with ground)	
Voltage range	120~276Vac	
Frequency range	40-70Hz	
Power factor	≥0,99	
Bypass voltage range	120~276Vac	
Power Plug	Terminals	
<b>— Output</b>		
Voltage	220/230/240Vac	
Power factor	1.0	
Voltage regulation	±2% at nominal voltage	
Frequency (AC mode)	tracking mains frequency	
Frequency (Battery mode)	50/60Hz ± 0,1Hz	
Crest factor	3:1	
Harmonic distortion (THD)	≤3% at 100% linear load ; ≤5% at 100% no-linear load	
Waveform	Pure sine wave	
Outlets	Terminals	
Efficiency (AC mode)	92%	
Efficiency (Battery mode)	87%	
Transfer Time (AC mode)	0ms	
Transfer Time (Bypass)	<15ms (50Hz) ; <13,33ms (60Hz)	
<b>— Battery (internal)</b>		
Type	12V 9Ah (AGM)	
Quantity	20pcs	
Recharge time at 90%	12 hours	
Charge current	1A	
Nominal voltage	240Vdc	
Charger mode	3 steps (egalization/boost/floating)	
<b>— System Features</b>		
Overload capacity	105-110% at 10min ; 110-130% 1min ; >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 / 0-95% non-condensing	
Noise level	<55dB at 1m	
Altitude	<1500m	
<b>— Physical</b>		
Dimensions (WxDxH)	440x625x86,5mm	
Weight	14kg	18kg
<b>— Standard</b>		
Safety	IEC/EN 62040-1, IEC/EN 60950-1	
EMC	IEC/EN 62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4 IEC61000-4-5, IEC61000-4-6, IEC61000-4-8	

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