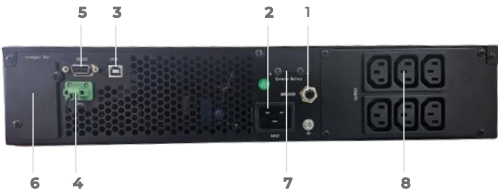


ExTell Spectra Pro Online Rack Mount UPS, 1 ~ 3kVA, Single Phase, PF: 1.0



1. Input Circuit Breaker

2. AC input

3. USB Port

4. EPO /ROO (Remote On-Off) port
5. RS232 port

6. Intelligent slot for SNMP/ MODBUS/dry contact card etc.

7. External battery connector

8. Output

Key Features

- Online Double Conversion Technology
- DSP (Digital signal processors) technology for high performance
- UPS start up without battery
- Wide input voltage range
- Wide input frequency range 40~70Hz
- Generator compatible
- Cold start
- Remote on off (ROO) function (optional)
- Economic operation mode (ECO) for energy saving
- 50Hz / 60Hz Frequency auto sensing
- Frequency converter mode: 50Hz input / 60Hz output or 60Hz input / 50Hz output.
- Active input power factor correction, input power factor > 0.99
- Rack Tower Convertible model
- Communications: RS232 (standard), USB / MODBUS / RS485 / SNMP / AS400 cards (optional)
- Auto fan speed regulation
- Hot swappable Battery
- Adjustable charging current from 1~20A
- High efficiency, AC ~ AC 95%

Accessories

Optimized Battery Configu ation 7Ah/9Ah (12V)	Multifunctional Bracket	Battery Cabinet (Optional)



ExTell Spectra Pro Online Rack Mount UPS, 1 ~ 3kVA, Single Phase, PF: 1.0

Technical Specifications

Model	E001SPIR31	E002SPIR31	E003SPIR31
Capacity	1KVA/1KW	2KVA/2KW	3KVA/3KW
AC Input			
Wiring	L/N+PE		
Rated Voltage	208/220/230/240VAC		
Voltage Range	110~300VAC		
Frequency Range	50/60 Hz± 10%		
Input Power Factor	≥0.97	≥0.99	
AC Output			
Wiring	L/N+PE		
Output Voltage	208/220/230/240VAC		
Voltage Regulation	±1%		
Output Frequency	50/60Hz±0.1%		
Waveform	Pure sine wave		
Distortion(THDi%)	<4%(Linear load); <7%(Non-Linear load)		
Overload Capability	1Min@105%~125% rated load; 10s @110%~130% rated load; 3s @>130% rated load		
Efficiency			
Line Mode	94.5%	95.5%	
Battery Mode	91.5%		
Battery & Charger			
Rated Battery Voltage	24VDC	48VDC	72VDC
Battery Capacity	12V/9AHx2pcs	12/9AHx4pcs	12V/9AHx6pcs
Charging Current	1A (1 ~ 20A)		
HMI			
LCD Display	Input mains voltage, frequency, load level, operation mode, health status		
Standards Communication Interface	RS232 port		
Optional Extension Card	EPO / ROO port		
	Intelligent slot		
	USB port		
	RS232 / USB/ SNMP card(optional) /AS401 card(optional)/RS485 card (optional)		

ExTell Spectra Pro Online Rack Mount UPS, 1 ~ 3kVA, Single Phase, PF: 1.0

Technical Specifications

Model	E001SPIR31	E002SPIR31	E003SPIR31
Environment			
Temperature Range	-10~40℃		
Relative Humidity	0-98%(Non-condensing)		
Acoustics Noise	<55dB @ 1 meters		
Physical			
Dimensions (W x D x H) (mm)	440x379x86(2U)	440x450x86(2U)	440x568x86(2U)
Weight (kg)	11.9	18.7	25.4