

SPRING RT

SPRING RT Series

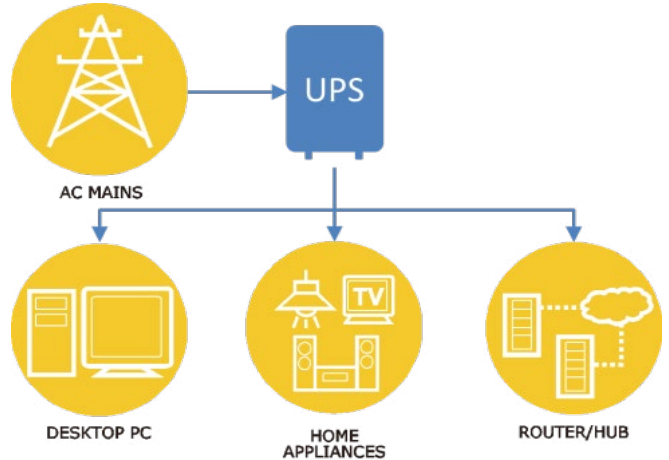


Key features

- High output power factor (0.9)
- Built-in voltage regulator stabilizes unstable AC input power
- Intelligent communication slot enables remote monitoring
- HID USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS and Linux
- Rack/tower dual set-up with rotatable LCD panel
- Optional EBM (Extended Battery Module) available for battery expansion



Typical application



PHOENIXTEC

Product specification

MODEL		SPRING RT 1K	SPRING RT 1KS	SPRING RT 1KE	SPRING RT 1.5K	SPRING RT 1.5KS
CAPACITY		1000VA/900W			1500VA/1350W	
INPUT	Input Voltage Range	154~288V _{AC}				
	Frequency Range	45-55Hz / 55-65 Hz				
	Input Wiring	Single phase with ground				
	Current Distortion (THDi)	10%				
OUTPUT	Output Power Factor	0.9				
	Nominal Output Voltage	220/230/240V _{AC}				
	Voltage Regulation (Line Mode)	-10% ~ +6%				
	Voltage Regulation (Battery Mode)	± 5 %				
	Frequency Range (Battery Mode)	50/60 Hz ± 0.1 Hz				
	Voltage Distortion (THDv)	< 3% @ linear load, < 6% @ non-linear load	< 10% @ linear load	< 3% @ linear load, < 6% @ non-linear load		
	Output Waveform	Pure sine wave				
	Parallel Operation	N/A				
EFFICIENCY	Line Mode	97%				
	AVR Mode	Boost mode: 92%, Buck mode: 95%				
	Battery Mode	>82%	>80%	>82%		
BATTERY	Battery Type	12V/7Ah	N/A	12V/9Ah	12V/9Ah	N/A
	Number of Internal Battery	3	N/A	2	3	N/A
	Rated Battery Voltage	36V _{DC}		24V _{DC}	36V _{DC}	
	Backup Time (@ full load)	4.5 min	N/A	3min	3 min	N/A
	Recharge Time (to 90%)	3 hours	N/A	8 hours	4 hours	N/A
	Charging Current	1.5A	7A	1.1A	1.5A	7A
TRANSFER TIME	Battery Mode ↔ Line Mode	2-6 ms				
DISPLAY		LCD				
AUDIBLE ALARM		Yes				
DIMENSION	WxHxD	438 X 86.5 x 435 mm				
NET WEIGHT		16kg	10kg	13kg	17.9kg	10kg
ENVIRONMENT	Operating Temperature	0~40°C				
	Noise Level	<45dB				
INTERFACE	RS232/USB	Yes				
	External Slot	Yes	N/A	Yes		
	Dry Contact	Yes	N/A	Yes		

Product specification

MODEL		SPRING RT 2K	SPRING RT 2KS	SPRING RT 2KE	SPRING RT 3K	SPRING RT 3KS
CAPACITY		2000VA/1800W			3000VA/2700W	
INPUT	Input Voltage Range	154~288 V _{AC}				
	Frequency Range	45-55Hz / 55-65 Hz				
	Input Wiring	Single phase with ground				
	Current Distortion (THDi)	10%				
OUTPUT	Output Power Factor	0.9				
	Nominal Output Voltage	220/230/240V _{AC}				
	Voltage Regulation (Line Mode)	-10% ~ +6%				
	Voltage Regulation (Battery Mode)	± 5 %				
	Frequency Range (Battery Mode)	50/60 Hz ± 0.1 Hz				
	Voltage Distortion (THDv)	< 3% @ linear load, < 6% @ non-linear load				
	Output Waveform	Pure sine wave				
EFFICIENCY	Parallel Operation	N/A				
	Line Mode	97%				
	AVR Mode	Boost mode: 92%, Buck mode: 95%				
BATTERY	Battery Mode	80%				
	Battery Type	12V/7Ah	N/A	12V/9Ah	12V/9Ah	N/A
	Number of Internal Battery	6	N/A	4	6	N/A
	Rated Battery Voltage	72V _{DC}		48V _{DC}	72V _{DC}	
	Backup Time (@ full load)	4.5 min	N/A	3 min	3 min	N/A
	Recharge Time (to 90%)	3 hours	N/A	4 hours	4 hours	N/A
	Charging Current	1.5A	7A	1.5A	1.5A	7A
TRANSFER TIME	Battery Mode ↔ Line Mode	2-6 ms				
DISPLAY		LCD				
AUDIBLE ALARM		Yes				
DIMENSION	WxHxD	438 X 86.5 x 604 mm		438 X 86.5 x 436 mm	438 X 86.5 x 604 mm	
NET WEIGHT		28kg	16kg	21kg	31kg	16kg
ENVIRONMENT	Operating Temperature	0~40°C				
	Noise Level	<45dB				
INTERFACE	RS232/USB	Yes				
	External Slot	Yes				
	Dry Contact	Yes				

Product rear panel



SPRING 1K&1.5K HV ST&S MODEL



SPRING 2K HV S-MODEL



SPRING 3K HV ST&S MODEL



SPRING 2K HV ST MODEL

PHOENIXTEC

ADDRESS: No. 114, Sec. 2, Xiwan Rd.,
Xizhi District, New Taipei City 22179, Taiwan

TEL: +886 2 6614 2000

FAX: +886 2 6614 2099

PHOENIXTEC