



R1

Series Online

HIGH FREQUENCY UPS
6kVA / 11kVA

Application Area



Server System



Banking



Education System



Automatic Control



Telecommunication



Security System



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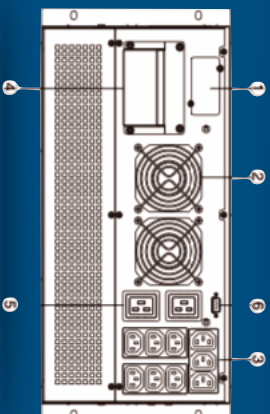


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CARANX R1 Series Online

R1 Series Online high frequency intelligent UPS, adopt double transform design and DSP digital control technology, with integrated input power factor correction, which can ensure a better output electrical performance and meet the requirements of equipment. LCD + LED visible interface and flexible operation also enhance customer satisfaction.

R1 Series Online High Frequency UPS 6kVA / 11kVA



- 1 - Intelligent Slot
- 2 - Fan
- 3 - AC Output 10A Socket
- 4 - Wires Connector
- 5 - AC Output 16A Socket
- 6 - RS232

FUNCTION CHARACTERISTICS

1. DSP digital control technology ensure the good function and high reliability
2. Adjustment for input power factor, which reduces the pollution on power network and safes energy
3. Wide input voltage range and self-adaption input frequency
4. LCD+LED visible interface provide convenient and efficient information for UPS working status
5. All kinds of protection function(overload, over and lack of voltage, short circuit, over temperature and else) will ensure the high reliability.
6. Zero transfer for output, which will provide real Uninterrupted Power Supply for load.
7. Intelligent management of battery will extend the life of battery.
8. Standard RS232 will achieve real-time monitoring and operation on UPS

ELECTRICAL PARAMETERS

TYPE	R1-SS0600D/ R1-SS0600DL		R1-SS1100D/ R1-SS1100DL	
Rated Power	6kVA		11kVA	
INPUT				
Input Phase	Single phase			
Rated Input Voltage	230 VAC			
Rated Input Frequency	50Hz / 60Hz self adaptation			
Input Voltage Range	120~275 VAC			
Input Frequency Range	46~54 Hz or 56~64 Hz			
Input Power Factor	>= 0.99			
OUTPUT				
Output Wave	Pure Sine Wave			
Output Voltage	230 VAC			
Output Frequency	50/60 Hz +- 0.1 Hz			
Output Power Factor	0.9			
Overload Ability	105%~125% load transfer to bypass mode after 1min, 125%~150% load transfer to bypass mode after 30 sec, ≥150% load transfer to bypass mode immediately			
Output Voltage Accuracy	+- 3%			
Load Crest Factor	3:1			
Efficiency	>= 90%			
BATTERY				
Battery Type	Sealed free-maintenance lead acid battery			
Battery Quantity	16 pcs			
Rated Battery Voltage	192 V			
Standard Battery	5 AH/12 V (standard UPS)		5 AH/12 V (standard UPS)	
Charging Voltage	216.8 VDC +- 1%			
Charging Current	Standard type: 1A		Long type: 6A	
FUNCTION AND COMMUNICATION				
Protection Function	Over load, over temperature, output short circuit, over charge, over discharge and so on			
Communication	RS232/USB, SNMP card(option)			
Display	LCD + LED			
OTHER				
Working Temperature	0 - 40 C			
Storage Temperature	-25 C- 55 C			
Relative Humidity	0 - 95% (non-condensing)			
Noise	<55 dB (within 1 meter distance)			
DIMENSION AND WEIGHT				
W x D x H (mm)	Standard type: 482 x 520 x 221		Long type: 438 x 520 x 132	
Net Weight (Kg)	Standard type: 51		53	
	Long type: 20		22	