

Sonata RT Series

Models

- Sonata RT 1100
- Sonata RT 1500
- Sonata RT 2000



- Sonata RT 3000
- Sonata RT 3000L



- Sonata RT 3000L BB



Features:

- Pure sinewave output
- Versatile rack / tower 2U design
- Hot-swappable battery design
- Software controlled rotatable LCD display
- Programmable power management outlets to extend backup time
- Emergency power off function (EPO) for greater security
- ECO operation for energy saving
- Multiple communications available

Sonata RT Technical Specifications

Model	Sonata RT 1100	Sonata RT 1500	Sonata RT 2000	Sonata RT 3000; 3000L	
Capacity	VA / W	1100VA / 990W	1500VA / 1350W	2000VA / 1800W	3000VA / 2700W
	Voltage	220/230/240 VAC, 50/60 Hz (auto-sensing)			
Input	Voltage Range	162 - 290 VAC			
	Frequency Range	50/60 Hz (auto sensing)			
	Voltage	220/230/240 VAC			
Output	Voltage Regulation	± 5% (before battery alarm)			
	Frequency Range	50 Hz or 60 Hz ±1 Hz			
	Current Crest Ratio	3:1			
	Harmonic Distortion	2% max @ 100% linear load; 5% max @ 100% non-linear load (before low battery alarm)			
	Transfer Time	Typical 2-6 ms, 10 ms max			
	Waveform	Pure Sine Wave			
	Efficiency	Battery Mode	90%	91%	92%
Battery	Standard Model				
	Type & Number	12V / 9AH x 2	12V / 7AH x 4	12V / 9AH x 4	12V / 9AH x 6
	Charging Current	1.5A			
	Charging Voltage	27.4 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ± 1%	
	Typical Recharge Time	4 hours recover to 90% capacity			
	Long Run Model				
	Charging Current (max)	1A , 2A, 4A ,6A , 8A	N/A	1A , 2A, 4A ,6A , 8A	1A , 2A, 4A ,6A , 8A
	Charging Voltage	27.4 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ± 1%	
Indicators	LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery			
Protection	Full Protection	Overload, discharge, and overcharge protection			
	Battery Mode	Sounding every 10 seconds			
Alarm	Low Battery	Sounding every 1 second			
	Overload	Sounding every 0.5 second			
	Battery Replacement	Sounding every 2 seconds			
	Fault	Sounding Continuously			
Physical	Standard Model				
	Dimension (D x W x H) (mm)	410 x 438 x 88	510 x 438 x 88	630 x 438 x 88	
	Net Weight (kg)	13.4	19.5	21.5	29.3
	Long Run Model				
	Dimension (D x W x H) (mm)	420 x 440 x 88	N/A	520 x 440 x 88	640 x 440 x 88
	Net Weight (kg)	9	N/A	10.8	11.9
Operating Environment	Humidity	0 - 90 % RH @ 0 - 40°C (non-condensing)			
	Noise Level	Less than 45dB			
Management	USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix, and MAC OS®			
	Optional SNMP	Power management from SNMP manager and web browser			

* Product specifications are subject to change without further notice