

Sentry Series UPS



ONLINE



SOHO



DATACENTRE



E-MEDICAL



INDUSTRY



TRANSPORT



EMERGENCY

3:3 SENRTY G3 10/20/30 kVA



USB
plug



Energy
share



Service
1st start



* UPS image shown may vary from actual design.

HIGHLIGHTS

- **Double-conversion True Online UPS**
- **Wide Input Voltage & Frequency Range**
- **Custom Diagnostics LCD Display**
- **Low Noise Level**
- **Simplified installation**
- **Generator Compatible**
- **Interface slot with optional boards**

Riello Sentry G3 Series UPS systems are based on innovative and modern design with more improved and continuous performance. Sentry Series UPS works on online double conversion technology, resulting in the highest levels of reliability and maximum protection for critical loads such as servers, voice data, storage systems and network applications. The front display panel has been entirely redesigned,

adding an LCD display that shows the input and output voltages, battery readings and UPS operating status information.

Riello Sentry G3 Series has a practical, modern design and includes several performance advantages over traditional online UPS models in terms of technology and performance. Sentry Series UPS are one of the best UPS systems available in the market today.

TECHNICAL SPECIFICATIONS:

MODEL		SENTRY G3 : 10 KVA	SENTRY G3 : 20 KVA	SENTRY G3 : 30 KVA
CAPACITY*		10000VA / 8000W	20000VA / 16000W	30000VA / 24000W
INPUT				
Voltage Range	Low Line Loss	190 VAC (Ph-Ph) / 110VAC(Ph-N) + 3% at 50 % load 305 VAC (Ph-Ph) / 176 VAC(Ph-N) + 3% at 100 % load		
	Low Line Comeback	Low line loss voltage + 10V		
	High Line Loss	520 VAC (Ph-Ph) / 300VAC(L-N) + 3% at 50 % load 478 VAC (Ph-Ph) / 276VAC(L-N) + 3% at 100 % load		
	High Line Comeback	High line loss voltage - 10V		
Frequency Range		46Hz~54Hz@ 50Hz system 56Hz~64Hz@ 60Hz system		
Phase		Three Phase with ground		
Power Factor		≥ 0.99 at 100% load		
OUTPUT				
Phase		3 Phase with Neutral		
Output Voltage		360/380/400/495 VAC (Ph-Ph) / 208/220/230/240VAC(Ph-N)		
AC Voltage Regulation		± 1%		
Frequency Range (Synchronized Range)		46Hz~54Hz@ 50Hz system 56Hz~64Hz@ 60Hz system		
Frequency Range (Batt. Mode)		50Hz+ 0.1 Hz or 60Hz + 0.1Hz		
Overload		100%~110%:30min - 10 min 110%~130%:10min - 1 min > 130%:1 min - 1 s		
Current Crest Ratio		3:1 max		
Harmonic Distortion		≤ 2%@ 100%Linear Load; ≤5%@ 100% Non-Linear load		
Transfer Time	Line<---> Battery	0 ms		
	Inverter<---> Bypass	0 ms (When phase lock fails, < 4ms interruption occurs from inverter to bypass)		
	ECO<---> Inverter	< 10 ms, During power failure		
	ECO<---> Inverter	0 ms, Voltage / Frequency out of range		
PHYSICAL				
Outline	Dimension, DxWxH (mm)	592x250x826	592x250x826	815x250x826
	Net Weight (Kgs)	38		40
Packaging	Dimension, DxWxH (mm)	700x385x1025		920x380x1025
	Net Weight (Kgs)	45		47
ENVIRONMENT				
Operation Temperature		0~40°C(the battery life will down >25°C)		
Operating Humidity		<95 % and non-condensing		
Operation Attitude**		< 1000m		
Acoustic Noise Level		Less than 63dB @ 1Meter		Less than 65 dB @ 1 Meter
MANAGEMENT				
Smart Rs-232 or USB		Supports windows® 2000/2003/XP/Vista/2008,Windows® 7,Linus,Unix, and MAC		
Optional SNMP		Power management from SNMP manager and web browser		

*Product specifications are subject to change without any further notice.



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