	<b>PRODUCT SPECIFICATIONS</b>	REF. No. : EN-00005-01
	PRODUCT SERIES : Santak RACK Series MODEL : RACK 1K TECHNOLOGY : Online double conversion	: 614-08133XS1-00
		Page No.: 1 OF 2

### **INPUT**


Nominal Voltage	: 220VAC
Phase	: Single phase with ground (2W + G)
Power Factor	: $\geq 0.98$
Voltage Range	: 110VAC ~ 300VAC
Frequency Range	: 40 ~ 70Hz
Protection	: Resettable Circuit Breaker
Connection	: IEC 320-16A inlet
Generator Compatibility	: Yes

### **OUTPUT**

Nominal Power Capacity	: 1kVA / 900W (30°C) 1kVA / 800W (40°C)
Power Factor	: 0.9 (30°C), 0.8 (40°C)
Nominal Voltage	: 220VAC
Regulation	: $\pm 2\%$
Waveform	: Sine wave
Frequency	: Battery mode: 50Hz $\pm$ 0.05Hz Line mode: 50Hz $\pm$ 4Hz
Crest Ratio	: 3:1
Overload capacity (0.8pf)	: 105%-150%: 47s-25s 150%-200%: 25s-300ms >200%: 200ms
Connection	: 6 * IEC C13

### **BATTERY & CHARGER**

Type	: VRLA, Maintenance Free
Quantity	: 2pcs
Nominal DC Voltage	: 24 VDC
Protection	: Fast-acting Fuse
Initial charging current	: 1A
Backup Time	: >4.5 min (80% load, 0.8PF)

	<b>PRODUCT SPECIFICATIONS</b>	REF. No. : EN-00005-01
	PRODUCT SERIES : Santak RACK Series MODEL : RACK 1K TECHNOLOGY : Online double conversion	: 614-08133XS1-00

### **TRANSFER TIME**

- Utility Power Failure : 0 ms
  - Battery to Utility Power Mode : 0 ms
  - Bypass to Inverter and vice versa : < 4 ms
- Auto transfer to bypass mode When UPS is overloaded, failed

### **INTERFACE**

- Control Panel : Power On/Off; Test/Alarm silence
- Indicators : Graphical LED display:  
Line mode, Battery mode, Bypass mode, Inverter mode, Load level/Battery level, Fault
- Diagnostics : Full system self test on power up
- DC power-on function : Yes
- Auto-restart : Default “YES”, can be set to “NO” through Winpower software
- Audible Alarm
  - Battery mode : Beep once every 4 seconds
  - Battery low : Beep once every second
  - Overload : Beep twice every seconds
  - Fault : Beeps continuously
  - Bypass mode or Site fault : Beep once every 2 minutes
- Communications
  - USB Port : Available
  - Intelligent Slot : Available  
(Options: NMC Card, Modbus Card, Relay Card)
  - Software : Winpower
- Cooling : Force air cooling

### **ENVIRONMENTAL**

- Operating Temperature : 0 ~ 40 °C
- Operating Humidity : 0 ~ 95%, non-condensing

### **MECHANICAL FEATURES**

- Dimensions W x D x H (mm) : 438 x 420 x 87 mm
- Weight (kg) : 11 kg

Specifications are subject to change without notice.