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

INPUT


Nominal Voltage	: 220VAC
Phase	: Single phase with ground (2W + G)
Power Factor	: ≥ 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
Nominal DC Voltage	: 24 VDC
Protection	: Fast-acting Fuse
Initial charging current	: 1A
Backup Time	: >4.5 min (80% load, 0.8PF)

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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