ComX Computers
Product Specification Sheet

UPS-ONL-1KVA-R-K

Linkqnet 1kva 24v Mp Rt 2u Rackmount Online Ups With 2x9ah Batteries

Product Overview

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Specifications

Overview summary:

The UPS-ONL-1KVA-R-K is a 1000VA/900W online double conversion UPS designed for critical equipment in data centres, server rooms, and industrial or commercial environments in South Africa. With full digital control and a pure sine wave output, this UPS ensures seamless, clean power even in unstable conditions. It features a rack/tower convertible design, wide input voltage support from 110-300Vac, and zero transfer time during power outages for reliable protection.

This UPS includes advanced battery management, ECO mode for energy saving, and smart charger functionality with optional expansion up to 12A for long-run units. It supports generator input, cold start, EPO, and comes equipped with intelligent fan control, hot-swappable batteries, and an informative LCD interface. Its connectivity options include RS232, USB, and support for SNMP or relay cards, making it ideal for IT professionals, engineers, and SMBs seeking stable backup power for sensitive electronics.

Features:

- Rack/Tower convertible design online double conversion with full digital control
- Wide input voltage range: 110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit)
- Emergency power-on function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Hot-Swappable battery design
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)

- Versatile LCD human-computer interface
- Multiple communication interfaces: RS232 (USB/EPO/Relay card/SNMP card optional)
- Multiple protection functions: short-circuit, overload, overheat, battery overcharge and over-discharge, output low voltage and fan fault alarm

Specifications:

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Specifications	
Product Code	UPS-ONL-1KVA-R-K
Details	
Capacity	1000VA/900W
INPUT	
Nominal voltage	208/220/230/240Vac
Input voltage range	110~300Vac (176~264Vac @ 100% load)
Power factor	>=0.99
FREQUENCY	
Frequency range	40~70Hz (50/60Hz Auto-Sensing)
OUTPUT	
Output voltage	208/220/230/240Vac
Voltage regulation	+/-1%
Power factor	0.9
Output frequency	Line mode : 46~54Hz or 56~64Hz
	Battery mode : (50/60+/-0.1%)Hz
Crest factor	3::1
Harmonic distortion (THDv)	<=3% Linear load
	<=5% Non linear load
Transfer time	AC mode to Battery mode : 0ms
	Inverter to Bypass : 4ms (Typical)
Output waveform	Pure Sinewave
EFFICIENCY	
AC mode	0.89
Battery mode	0.85
BATTERY	
Battery number	2
Capacity (Standard unit)	9Ah 12V
Typical recharging time	4 hours (To 90% of full capacity)

Charging voltage	27.4Vdc+/-1%
Charging current (Max.)	1A
INDICATORS	
LED display	Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault
LCD display	Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time
ALARM	
Battery mode	Beeping every 4 seconds
Battery low	Beeping every second
Overload	Beeping twice every second
Fault	Continously beeping
PHYSICAL	
Dimension W x D x H	440 x 460 x 86.5mm
Net weight	14kg
ENVIRONMENT	
Operating temperature	0 degreesC~40 degreesC
Storage temperature	-25 degreesC~55 degreesC
Humidity range	20~95%RH @ 0 degreesC~40 degreesC (Non condensing)
Altitude	< 1500m, derating required when&#-226;1500m
Noise level	< 50dB at 1 Meter
STANDARDS	
Safety	IEC/EN 62040-1, IEC/EN 62477-1
EMC	IEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/UPS-ONL-1KVA-R-K-Linkqnet-1kva-24v-Mp-Rt-2u-Rackmount-Online-Ups-With-2x9ah-Batteries-p-325555.php

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