ComX Computers
Product Specification Sheet

UPS-ONL-2KVA-R-K

Linkqnet 2kva 48v Mp Rt 2u Rackmount Online Ups With 4x9ah Batteries

Product Overview

Linkqnet 2kva 48v Mp Rt 2u Rackmount Online Ups With 4x9ah Batteries



Specifications

Overview summary:

The Linkqnet 2kVA 48V MP RT 2U Rackmount Online UPS is a high-performance power backup solution tailored for South African server rooms, network closets, and mission-critical systems. With true online double-conversion technology and full digital control, this UPS delivers seamless power continuity and protects sensitive equipment from voltage fluctuations, surges, and outages. It comes equipped with 4x 9Ah internal batteries, hot-swappable design, and intelligent fan control for efficient cooling.

Its 2U rack/tower convertible chassis makes it ideal for both vertical and horizontal mounting. The system includes advanced features such as a smart charger with expandable 12A current, versatile LCD interface, EPO support, and compatibility with generators. Its 0.99 input power factor, ECO mode, and cold start capability make it a reliable and energy-efficient choice for data environments demanding zero downtime.

UPS tier: Enterprise-grade Online Double Conversion UPS
UPS uses: Server protection, network infrastructure, medical systems, and industrial control

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:

© 2025 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	UPS-ONL-2KVA-R-K
Details	
Capacity	2000VA/1800W
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	0.91
Battery mode	0.87
BATTERY	
Battery number	4
Capacity (Standard unit)	9Ah 12V

Typical recharging time	4 hours (To 90% of full capacity)
Charging voltage	54.8Vdc+/-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	19.5kg
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-2KVA-R-K-Linkqnet-2kva-48v-Mp-Rt-2u-Rackmount-Online-Ups-With-4x9ah-Batteries-p-325590.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-11 04:34:41.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other

information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.