

Informacije o proizvodu (EN)

LEGRAND Daker DK Plus 3000VA LN310172 UPS uređaj



Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

<https://tehnoteka.rs/p/legrand-daker-dk-plus-3000va-ln310172-ups-uredjaj-akcija-cena/>

Daker DK Plus 3000

3 101 72 – 3 100 75



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1. GENERAL FEATURES

The Legrand UPS model Daker DK Plus 3000 is an uninterruptible power source with high frequency PWM technology, Double Conversion On-Line, solid neutral, Rated Power 3,000 VA – 2700 W, equipped with valve-regulated, hermetically-sealed accumulator batteries, contained in a specific compartment inside the UPS or in one or more external cabinets, sized to guarantee a minimum uptime of 8 minutes at 80% of the load.

The electronics and batteries are contained in just two rack units.

The architecture of this UPS means it can be installed in either a Tower configuration or inside Rack cabinets.

The rectifier of the UPS is comprised of a control and regulating circuit (PFC), which, in addition to normal rectifier functions also:

- automatically corrects the power factor of the load to restore it to a value of > 0.99 with a load applied at the output at 20% of the rated load;
- power the inverter without requiring energy from the batteries, even when there is very low voltage from the mains;
- ensures a total harmonic distortion of the input current $THD_{in} < 3\%$ without the addition of filters or supplementary parts.

The bypass circuit is designed and built in compliance with the following:

- Electromechanical switch
- Command and control logic managed by a microprocessor that:
 - automatically transfers the load directly onto the primary mains line without interrupting the power supply if any conditions of overload, over temperature, continuous voltage outside of the tolerances and inverter anomaly arise;
 - automatically re-transfers the primary mains line load to an inverter line, without interrupting the power supply, once normal conditions of the load have been restored;
 - if the primary mains line and the inverter are not synchronized, the bypass must be disabled.

A diagnostic and shutdown software (UPS Communicator), if accordingly installed in a PC connected to the UPS, which allows you to access all of the DHEA's operational data, make adjustments and settings to the special functions and control Windows and Linux operating system shutdown.

An optional software (UPS management software) offers hierarchic multiserver shutdown and remote management of the UPS for any operating system in a heterogeneous network (Windows, Novell, Linux and the common Unix).

Daker DK Plus 3000 is managed by a microprocessor and is able to display, on a control panel and LCD screen, the alarms and operating modes described below:

- normal operation
- output frequency that is not synchronized with the input
- battery-powered operation
- operation in bypass mode
- faulty power module
- overloaded
- generic anomaly
- incorrect neutral connection
- back-up time
- end of uptime

The Daker DK Plus 3000 Static Uninterruptible Power Supply bears the CE marking pursuant to Directives 2014/35, 2104/30, and is designed and built in compliance with the following standards:

- EN 62040-1 "General and safety requirements for UPSs used in areas that are accessible to the operator"
- EN 62040-2 "Electromagnetic Compatibility requirements (EMC)"
- EN 62040-3 "Performance and test method requirements".

2. TECHNICAL FEATURES

| General Features | |
|---------------------|--------------------------------------|
| Nominal power (VA) | 3000 |
| Active power (W) | 2700 |
| Technology | On-Line Double Conversion VFI-SS-111 |
| Waveform | Sinusoidal |
| UPS architecture | convertible tower and rack 19 |
| Surge Rating | 1530 |
| ECO Mode efficiency | %98 |

| Input | |
|---------------------|---|
| Input voltage | 230 V |
| Input frequency | 50-60 Hz $\pm 5\%$ Autosensing |
| Input Voltage Range | 180-300 on full load 150-300 on 80%load 110-300 on 60% load |
| THD Input current | < 3% |
| Input power factor | > 0.99 |
| Input Plug | 3 101 72: Multi Standard 3 100 75: British Standard |

| Output | |
|----------------------------|--|
| Output voltage | 230V $\pm 1\%$ |
| Output frequency (nominal) | 50/60 Hz (can be set from the LCD panel) $\pm 0.1\%$ |
| Crest Factor | 1:3 |
| THD Output voltage | Linear load 2% Nonlinear load 5% |
| Output Voltage Tolerance | $\pm 1\%$ |
| Bypass | Internal automatic Bypass (included) External maintenance Bypass (OPTIONAL) |

2. TECHNICAL FEATURES *(continued)*

| Batteries | |
|--|---------|
| Uptime Expansion | yes |
| Number of batteries | 6 |
| Battery series Type/Voltage | 12V 9Ah |
| Uptime with 80% load (min) | 8 |
| Recharge time (to 100%) | 4 hours |
| Battery disconnecter for safe transportation | yes |

| Communication and management | |
|------------------------------|--|
| Display and Signals | Four buttons and four LEDs to monitor the status of the UPS in real time |
| Communication Ports | RS232 serial ports, USB |
| Remote Management | available |
| Network interface slot | SNMP |

| Mechanical features | |
|---|------------------|
| Measurements H x L x D (mm) | 440x88 (2U) x600 |
| Battery Cabinet Measurements H x L x D (mm) | 440x88 (2U) x600 |
| Net Weight (kg) | 30 |

| Environmental conditions | |
|----------------------------|------------------------------------|
| Operating temperature (°C) | 0 ÷ 40 °C |
| Degree of protection | IP20 |
| Relative humidity (%) | 0-95% non-condensing |
| Noise level at 1 m (dBA) | On-Line Mode < 50 Eco Mode < 40 |
| Heat Loss (BTU/h) | 818 |

| Certifications | |
|----------------|------------------------------------|
| Standards | EN 62040-1, EN 62040-2, EN 62040-3 |

Ovaj dokument je originalno proizveden i objavljen od strane proizvođača, brenda Legrand, i preuzet je sa njihove zvanične stranice. S obzirom na ovu činjenicu, Tehnoteka ističe da ne preuzima odgovornost za tačnost, celovitost ili pouzdanost informacija, podataka, mišljenja, saveta ili izjava sadržanih u ovom dokumentu.

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Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

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