OnLine UPS systems, tower type, 2000 VA / 2000 W

DN-170131
EAN 4016032507932

OnLine UPS Module, 2000VA/2000W 12V/9Ah x 4 battery,8 x C13,LCD-Display

The DIGITUS® OnLine UPS systems reliably protect your business-critical applications from power failures, voltage fluctuations and mains interference - and thus ensure smooth operation. The OnLine double conversion technology continuously stabilizes the power supply and completely decouples it from interference from the mains. Your connected devices receive a consistently high-quality and reliable power supply at all times - regardless of the quality of the power grid. In the event of a power failure, the UPS reacts immediately and without interruption. This keeps your systems protected and ready for operation, while allowing sufficient time for a controlled shutdown. This minimizes risks, prevents data loss and protects your valuable hardware. With its compact tower design, the UPS can be flexibly integrated into a wide variety of environments - whether in the office, server room or in professional infrastructures. Its high performance and space-saving design make it the ideal choice for modern working environments. An integrated display and various interfaces enable easy integration into existing systems as well as convenient monitoring and control. In combination with a robust design and reliable technology, it offers a long-term solution for maximum operational reliability.

The OnLine UPS is an ideal backup solution for your demanding power requirements and offers high reliability in various industrial applications.

- Online double conversion system
- Capacity (VA/W): 2000 / 2000
- Input: IEC60320 C20 socket, 208/220/230/240 Vac
- Output: 8 x IEC60320 C13, max. 10A per socket outlet
- Entrance:
- Rated voltage (Vac): 208 / 220 / 230 / 240
- Operating voltage range (Vac): 110 ~ 300 (176 ~ 264 at 100 % load)
- Power factor: 1.0
- Bypass frequency range (Hz): 40 ~ 70 (50 / 60) automatic detection
- Output:
- Rated voltage (Vac): 208 / 220 / 230 / 240
- Voltage regulation: ±1 %
- Output frequency (Hz): Mains operation: 46 ~ 54 or 56 ~ 64; Battery operation: (50 / 60 ± 0.1 %)
- Crest factor: 3:1
- Harmonic distortion (THDv): ≤3 % with linear load; ≤5 % with non-linear load
- Switchover time (ms): Mains operation to battery operation: 0; Inverter to bypass: 4 (typical)
- Waveform: Pure sine wave
- Efficiency: Mains operation: up to 91 % / ECO mode: up to 96 %
- Battery type: VRLA (maintenance-free lead-acid battery)
- Battery quantity: 4 × 12 V / 9.0 Ah
- Battery voltage (Vdc): 48
- Charging current (max.) (A): 2
- Generator compatible
- Cold start function
- Typical recharge time (hours): 4 (up to 90% of full capacity)
- Network connection: Optional SNMP/Webcard (part number DN-170100-1) enables the UPS to be monitored remotely.
- Local communication ports: USB, RS-232 (serial), SNMP (optional)
- Multiple protection functions: Short circuit, overload, overheating,overcharging and deep discharge of the battery, output undervoltage and fan fault alarm
- Surroundings:
- Operating temperature (°C): 0 ~ 40
- Storage temperature (°C): -25 ~ 55
- Humidity range: 20 ~ 95 % RH at 0 ~ 40 °C (non-condensing)
- Operating altitude (m): < 1000, power reduction required between 1000 and 3000
- Noise level (dB): < 50
- Dimensions (W × D × H) (mm): 191 × 460 × 337
- Weight (kg) : 21,46

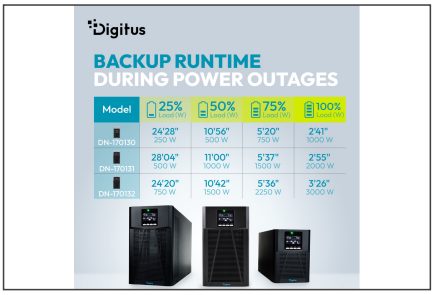
Attributes

- El. snaga: 1500VA – 3000VA
- Tehnologija: Online dvostruka konverzija
- Ugrađivanje: Radna površina
- Utikač: IEC 60320 C20 ulaz

Package contents

- 1 x OnLine UPS systems, Tower, 2000 VA/ 2000 W
- 1 x power cable
- 1 x USB cable
- 1 x RS232 cable
- Quick installation guide

More images:



Safety notes

- The UPS system must be absolutely dry before it is installed. Please allow the UPS system to acclimatize for at least two hours to adapt to the environment.
- Protect the UPS system from water or moisture.
- Avoid direct sunlight or installation near heat sources.
- Do not block any ventilation openings in the housing.
- Do not connect any devices or appliances that would overload the system.
- Lay cables so that nobody can step on them or trip over them.
- Do not connect any household appliances to the output sockets of the UPS system.
- Only connect the UPS system to an earthed and easily accessible socket.
- Only use VDE-tested, CE-marked mains connection cables at the input and outputs.
- Never disconnect the mains connection cable during operation as this would cancel the protective earthing of the UPS system and all connected loads.
- The UPS system has its own internal power source. The output sockets or output terminals of the UPS system can be energized even if the UPS system is not connected to the building cabling.
- To switch off the UPS system completely, first press the OFF/Enter button to disconnect the mains.
- Caution - Risk of electric shock. Even after disconnecting the device from the mains, the components inside the UPS system are still connected to the battery. There is a risk of electric shock.
- Only persons who are sufficiently familiar with batteries and the necessary safety precautions may replace batteries and monitor operation.
- Caution - Risk of electric shock. The battery circuit is not isolated from the input voltage. Dangerous voltages can occur between the battery terminals and the ground. Ensure that no voltage is present before touching!
- When replacing the batteries, install the same number and type of batteries.
- Do not open or destroy batteries. Leaking electrolyte can injure the skin and eyes and may be toxic.

- The appliance may only be opened and repaired by a trained specialist.