

DIGITUS[®] Professional OnLine-UPS, 3000VA/2700W



✓ Capacity: 3000VA/2700 W

✓ 8x IEC C13

✓ Fast charge (90% in 5 hours)

✓ Power factor: 0.90

Abstract

DIGITUS[®] Professional OnLine UPS, 3000VA/2700W, 12V/9Ah x6 battery, 8x IEC C13 + 1x IEC C20, power factor 0.9, LCD display

Features

- True double-conversion technology
- Micro process management optimizes the reliability in case of electricity failure
- Power factor 0.9
- Optional SNMP Card is available, enables remote control via LAN
- EPO- switch (Emergency Power Off)
- UPS can be mounted into rack or as a tower with stand
- Nominal- & output voltage: 200/208/220/230/240 VAC
- Voltage range: 110-290 VAC \pm 5%
- Capacity: 3000VA/2700W
- Frequency range: 45 Hz-65 Hz
- Power factor: \geq 0.98 @ input voltage; \geq 0.90 @ output voltage
- AC voltage regulation (battery mode): \pm 2%
- Frequency range (synchronized range): 50 Hz or 60 Hz
- Frequency range (battery mode): 50 Hz \pm 0.02 Hz or 60 Hz \pm 0.02 Hz
- Current crest ratio: 3:1 (max.)
- Harmonic distortion (line mode): \leq 3% THD (linear mode); \leq 5% THD (non-linear mode)
- Transfer time (line mode to battery mode): Zero
- Transfer time (inverter to bypass): 4 ms (typical)
- Wave form (battery mode): Pure sinewave
- Efficiency 90% (AC mode); 85% (battery mode); 95% (ECO mode)
- Typical recharge time: 5 hours to recover 90% of capacity
- Battery: 12V/9Ah x6
- Charging current: 1.4 A
- Charging voltage 41.1 VDC \pm 1%
- Humidity: 0-90% RH @ 0 °C to +40 °C (non condensing)
- Noise level: Under 50 dBA @ 1 Meter
- Alarm sounds: Battery mode (sounded every 4 seconds), low battery (every second sounds), overload (sounds twice a second), noise (continuous sound)
- Hot swap: Changing of battery possible while operating ("hot swap")
- Support: Smart RS-232 / USB supports Windows[®] 2000/2003 / XP / Vista / 2008, Windows[®] 7/8/10, Linux, FreeBSD and Mac
- With overload-, discharge-, and overcharge protection
- LCD display (Load level, battery level, AC mode, battery mode, bypass mode, fault locator)
- 19 " mountable; 19 " mounting brackets included in delivery content
- 8x IEC C13; 4x programmable; 1x C19
- Dimensions (H x W x D): 86.5 (2U) x 440 x 696mm

Product Overview

The DIGITUS® Professional OnLine UPS come with a compact size and an excellent microprocessor control, which guarantees high reliability. With an user friendly operation they provide high performance protection for your business and office computer systems against data loss and damage. Features like overload-, discharge- and overcharge protection, cold start functions and energy saving features, as well as an acoustic alarm system are just a few advantages of the DIGITUS® Professional OnLine UPS units.

Optional available is a SNMP adapter which allows remote access to the UPS unit.

Typical Backup Times

Typical backup time at different loads				
Model	25% loading	50% loading	75% loading	100% loading
DN-170090	20.0	8.0	5.0	3.0
DN-170091	20.0	8.3	5.3	3.3

*Backup time unit: Minutes

Product Number Information

DIGITUS® Professional OnLine-UPS, LCD display

- DN-170090 DIGITUS® Professional OnLine UPS, 1500VA/1350W, 12V/9Ah x3 battery, 8x IEC C13
- DN-170091 DIGITUS® Professional OnLine UPS, 3000VA/2700W, 12V/9Ah x6 battery, 8x IEC C13, 1x IEC C20
- DN-170100 SNMP & Web Card

Product images

