

DH-PFM3355-6000L

Rack Online 6000VA/5400W Uninterruptible Power Supply (Without built-in battery, With SNMP Card)



Series Overview

The Uninterruptible Power Supply performs outstandingly, offering highly stable output. It easily adapts to complex environments, such as mains power grids, and has protection against overvoltage and overload. Designed for convenience, it is plug and play, and easy to use.

- It's a new generation of double conversion online UPS product, utilizing most advantage technologies, provides the leading performance and highest cost-performance ratio in the industrial. The device has following benefits:
- True double conversion online topology.
- High-performance DSP control and pure sine wave output.
- Compact size with the highest power density in the industry.
- High efficiency, leading in green energy initiatives.
- Strong loading capability, with an output power factor of 0.9 that delivers more real power to mission-critical loads.
- Extra-wide input voltage and frequency range, making it compatible with harsh power environments.
- High input power factor and low harmonic distortion, which saves power, reduces wiring expenses for users, and minimizes power pollution.
- Compatible with gensets.

Scene

For indoor use, the temperature range is 0°C to 40°C, with ambient humidity not exceeding 90%, and no condensation allowed.

Technical Specification

Capacity

Capacity	6000 VA, 5400 W
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Input

Input Voltage	90–300 VAC
Input Current	29.3 A
Rated Input Frequency	50/60 Hz
Power Factor	0.9

Output

Output Voltage	230 VAC by default
Output Current	23.5 A
Output Power	6000 VA, 5400 W
Output Frequency	50 Hz $\pm$ 0.1 Hz
Switch Time	Line mode-Battery mode: 0 ms; Line mode-Bypass mode: 4 ms; Exit HE mdoe: 10 ms
Output Wave	Pure sine wave

External Battery (Sold Separately)

Type of External Battery	Lead-acid battery
Voltage of External Battery Pack	192 VDC (16 $\times$ 12 VDC)

Indicators

Status Indicator Light	Line mode: Line mode indicator green light solid on Bypass mode: Yellow light solid on Battery model: Yellow light solid on Fault mode: Red light solid on
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Screen

LCD Display	Input/output voltage; input/output frequency; battery voltage; load capacity; battery capacity; alarm/fault; UPS operating mode; UPS bypass; mains input
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Alarm

Alarm Indicator	Battery mode: Beeps once every 4 seconds; Bypass mode: Beeps once every 2 mins; Low Battery: Beeps once every second; Overload: Beeps once every 0.5 seconds ; Fault: Continuous beeping
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Protection

Types of Protection	Protects against overload, battery overcharge, and over-discharge
Overload Capacity	Line mode: ① 100%<Load $\leq$ 105%, Overload warning only ; ② 105%<Load $\leq$ 125%, 10 mins, Then transfer to Bypass and Alarm ③ 125%<Load $\leq$ 150% 30 s Then transfer to Bypass and Alarm ④ 150%<Load, 500 ms then transfer to Bypass and Alarm Battery mode : ① 100%<Load $\leq$ 105%, Overload warning only ; ② 105%<Load $\leq$ 125%, 1 min, then transfer to Bypass and Alarm

Overload Capacity	③ 125%<Load, 200 ms then transfer to Bypass and Alarm
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Plugs and Sockets

Input Plug	Terminal block
Socket Standard	Terminal block
Number of Output Sockets	1

Other

Built-in Fan	Yes
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Structure

Product Dimensions	577.8 mm $\times$ 482.6 mm $\times$ 88 mm (22.75" $\times$ 19.00" $\times$ 3.46") (L $\times$ W $\times$ H)
Packaging Dimensions	570 mm $\times$ 185 mm $\times$ 540 mm (22.44" $\times$ 7.28" $\times$ 21.26") (W $\times$ H $\times$ D)
Casing Material	Plastic cover + metal body
Appearance Color	Sliver chassis + Black front panel
Net Weight	11 kg (24.5 lb)
Gross Weight	14.3 kg (31.53 lb)
Packing List	1 $\times$ UPS 1 $\times$ Battery connection cable 1 $\times$ RS-232 communication cable 1 $\times$ NIC communication cable 1 $\times$ User manual of communication card 1 $\times$ User manual of UPS 1 $\times$ Rack-mounting kit 1 $\times$ Legal and regulation information

Environment

Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Operating Humidity	0%–90%, non-condensing
Storage Temperature	–15 °C to +55 °C (+5 °F to +131 °F)
Storage Humidity	0%–90%, non-condensing

Certifications

Certifications	CE LVD: EN IEC 62040-1: 2019+A11: 2021; CE EMC: EN IEC 62040-2: 2018; EN 62040-2: 2006; EN 61000-3-12: 2011; EN IEC 61000-3-11: 2019
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SNMP Card

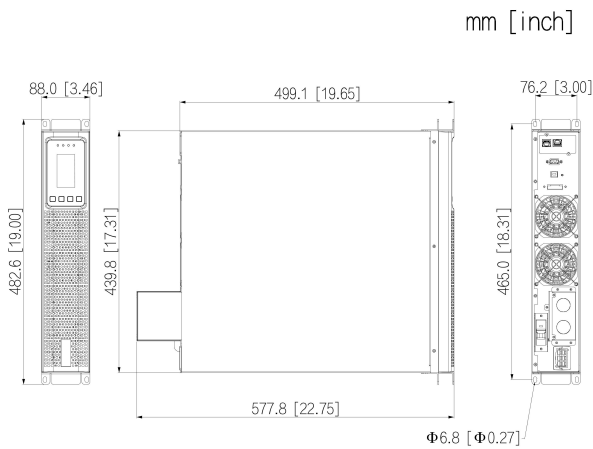
Debugging Software	Utility
Monitoring Software	WinPower
Shutdown Software	By connecting the card to SPS or WinPower
Webpage Update	Yes
Debugging Function	Save and import configuration files in batches; Webpage configuration
Webpage Function	Real-time detection; Shutdown and battery self-check; Scheduled shutdown and battery self-check; Shutdown protection
Webpage Language	Multiple languages

Timing after Power-off	Yes
Log Records Type	Event records; Data records; Access records
Modbus TCP Point List	EPPC table
Alarm Push Type	Email; SNMP Trap; SMS
SNMP Management Information Base	RFC1628 MIB; EPPC MIB
Temperature and Humidity Sensor	Up to 1
Network Speed	10 M/100 M
Network Protocol	IPv4; IPv6; ICMP; SNMP V1/V2c/V3; SNTP; HTTPS; Modbus TCP
Network Port	RJ-45

Ordering Information

Type	Model	Description
Uninterruptible Power Supply	DH-PFM3355-6000L	Rack Online 6000VA/ 5400W Uninterruptible Power Supply (Without built-in battery,With SNMP Card)

Dimensions (mm[inch])



Package Information

- 1 × UPS 1 × Battery connection cable 1 × RS-232 communication cable 1 × NIC communication cable 1 × User manual of communication card 1 × User manual of UPS 1 × Rack-mounting kit 1 × Legal and regulation information