DH-PFM350-480-A

800VA/480W Uninterruptible Power Supply

- Easily adapts to different power grid environments through its wide voltage range between 150–275 V.
- Includes AVR to ensure voltage output remains stable.
- Automatically switches power supply modes when there is a power failure, overvoltage or undervoltage, ensuring the voltage output remains stable.
- Supports charging and cold start even when the device is shutdown.
- Protects itself when it is overloaded, heavily discharged or overcharged.

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.

Scene

Ideal for Indoor, the temperature range is required to be from –5°C to 40°C, and the ambient humidity is not more than 90%.

Technical Specification

Capacity

Capacity	800 VA

Input

Input Voltage	150–275 VAC
Input Current	2.3 A
Rated Input Frequency	50/60 Hz
Power Factor	0.85

Output

Output Voltage	220 VAC ± 10%
Output Current	Mains supply: 2.1 A Battery powered: 1.7 A
Output Power	Mains supply: 480 W Battery powered: 380 W
Output Frequency	50/60 Hz
Switch Time	<10 ms
Output Wave	Pure sine wave (main electricity mode) Modified sine wave (battery mode)

Battery

Built-in Battery	Yes
Battery Type	Lead-acid battery
Qty.of Battery	12 V, 9 Ah × 1
Charging Current	≤2 A
Limited Charge Voltage	13.75 V
Charging Time	Charges up to 90% in 6 hours

Indicators

Status Indicator Light	Battery powered: The red light flashes once every 6 seconds Mains supply: Green light is solid on Charging while shutdown: The yellow light flashes once every 20 seconds Charging while on: The green light is solid on and the yellow light flashes once every 20 seconds.

Alarm

Alarm Indicator	Battery powered: Alarms one sound every 6 seconds Low power: Alarms one sound every 1 second Overload: Alarms one sound every 0.5 seconds

Protection

Protection	Overload, heavy discharge and overcharge

Plugs and Sockets

Input Plug	European standard
Input Cable Length	1 m (39.37 ft)
Socket Standard	European standard
Number of Output Sockets	2

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Structure

Product Dimensions	335 mm × 87 mm × 143 mm (13.19" × 3.43" × 5.63")
Packaging Dimensions	417 mm × 169 mm × 234 mm (16.42" × 6.65" × 9.21")
Casing Material	Steel and plastic
Appearance Color	Black
Net Weight	5 kg (11.02 lb)
Gross Weight	5.6 kg (12.35 lb)

Environment

Operating Temperature	0 °C–40 °C (32 °F to 104 °F)
Operating Humidity	0–90% RH
Storage Temperature	0 °C–40 °C (32 °F to 104 °F)
Storage Humidity	0–90% RH

Certifications

Certifications	CE

Ordering Information

Type	Part Number	Description
Uninterruptible Power Supply	DH-PFM350-480-A	800VA/480W Uninterruptible Power Supply

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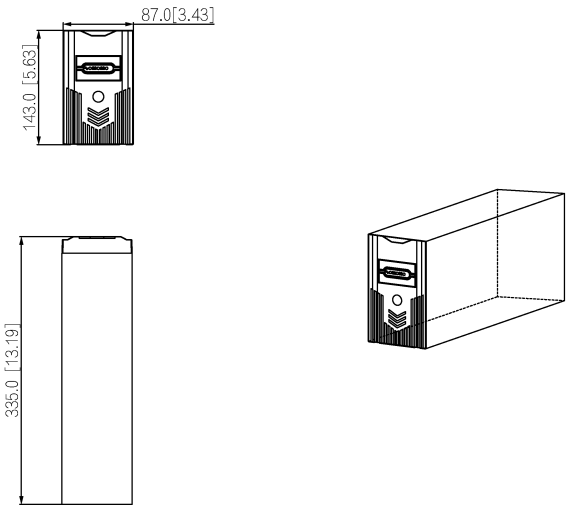
Dimensions (mm[inch])



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