



RP-DRS500 | RP-DRS1000

500VA~1000VA Din Rail UPS

RP-DRS500 and RP-DRS1000 are Din Rail Uninterruptible Power Systems (UPS) designed to provide reliable power for critical load operations. These UPS units offer a power capacity of 500VA and 1000VA respectively and are ideal for distribution

boxes containing essential equipment such as PLCs and battery switches. With their high-frequency based full bridge true sine wave UPS technology, these units deliver stable and pure power at an affordable price.

Key features of the RP-DRS500 and RP-DRS1000 include a built-in Lead-Acid battery, allowing for flexible backup power solutions. Additionally, the UPS units are equipped with an RS-485 communication interface, enhancing connectivity and enabling efficient monitoring and control. They can support various types of loads, including inductive loads, making them suitable for a wide range of applications. Furthermore, their lightweight and compact size facilitate easy transportation and placement.

RP-DRS500 and RP-DRS1000 UPS units offer a reliable and cost-effective solution for maintaining uninterrupted power supply to critical equipment. With their high-frequency technology, built-in battery, and communication interface, these UPS units provide stability and flexibility in various applications. The emphasis on safety and proper operation ensures the longevity and reliability of the UPS units, making them a wise investment for protecting important electrical equipment.

Features

- Reliable power for critical load operations
- 500VA and 1000VA power capacity options
- Ideal for distribution boxes with essential equipment
- High-frequency full bridge true sine wave technology
- Stable and pure power at an affordable price
- Built-in Lead-Acid battery
- RS-485 communication interface for monitoring and control
- Support for various types of loads, including inductive
- Lightweight and compact for easy transportation
- Cost-effective solution for uninterrupted power supply

- Ensures stability and flexibility in applications
- Emphasis on safety and proper operation
- Longevity and reliability for electrical equipment protection
- Wise investment for critical equipment protection.

Specifications

| MODEL | | RP-DRS500 | RP-DRS1000 |
|--------------------------|--------------|--|-----------------|
| Capacity (VA / Watt) | | 500VA / 300W | 1000VA / 500W |
| INPUT | | | |
| Nominal Voltage | | 110Vac/115Vac/120Vac or 220Vac/230Vac/240Vac | |
| Acceptable Voltage Range | | 85Vac ~ 135Vac or 170Vac ~ 270Vac | |
| Frequency | | 50Hz / 60Hz Auto sensing | |
| Frequency Range | | 40 ~ 63Hz | |
| Line Low Transfer | | 170Vac ± 5% ; 85Vac ± 5% | |
| Line Low Return | | 180Vac ± 5% ; 90Vac ± 5% | |
| Line High Transfer | | 270Vac ± 5% ; 135Vac ± 5% | |
| Line High Return | | 260Vac ± 5% ; 130Vac ± 5% | |
| OUTPUT | | | |
| Voltage | | 110Vac/115Vac/120Vac or 220Vac/230Vac/240Vac | |
| Waveform | | Pure sine wave | |
| Short Circuit | Line Mode | Circuit breaker | |
| Protection | Battery Mode | Electronic circuit | |
| DC START | | | |
| Cold Start | | Yes | |
| TRANSFER TIME | | | |
| Typical | | 10 ms | |
| BATTERY | | | |
| Voltage | | 12Vdc | 12Vdc |
| Type | | Lead-Acid/7Ah | Lead-Acid/7.5Ah |
| INDICATOR | | | |
| LED | | AC mode(Continuously), Inverter mode(Flash) | |
| AUDIBLE ALARM | | | |
| Battery Mode | | Sounding every 7 seconds | |
| Low Battery | | Sounding every second | |
| UPS Fault | | Continuously sounding | |
| INTERFACE | | | |
| Standard | | RS-485 | |
| ENVIRONMENT | | | |
| Operation Temperature | | 0-40 °C (32-104 °F) | |
| Relative Humidity | | 0-90% (non-condensing) | |

PHYSICAL

| | | |
|----------------------------------|-----------------|-----|
| Dimensions(WxHxD)mm | 250 * 135 * 115 | |
| Net Weight(Kg)w/o battery | 2.8 | 3.1 |

* Specifications are subjected to change without prior notice

Ordering information

RP-DRS500 500VA / 300W Din Rail Line Interactive UPS

RP-DRS1000 1KVA / 500W Din Rail Line Interactive UPS