

Product data sheet

Characteristics

SUA500PDRI

APC DIN Rail - Panel Mount UPS-without Battery-500VA 230V



Overview

| | |
|--------------|---|
| Presentation | Proven Industrial UPS power protection for control applications and harsh environments. |
| Lead time | Usually in Stock |

Main

| | |
|---------------------------|---|
| Main Input Voltage | 230 V |
| Other Input Voltage | 220 V 240 V |
| Main Output Voltage | 230 V |
| Other Output Voltage | 220 V 240 V |
| Rated power in W | 325 W |
| Rated power in VA | 500 VA |
| Product or component type | Uninterruptible power supply (UPS) |
| Output connector type | Hard wire 3-wire (H N + E) 1 |
| Provided equipment | CD with software Documentation CD Installation guide Smart UPS signalling RS-232 cable |

Batteries & Runtime

| | |
|--------------------------------|--------|
| Battery voltage | 24 V |
| Extended runtime | 0 |
| Battery capacity | 5.0 Ah |
| Number of battery filled slots | 0 |
| Number of battery free slots | 0 |

General

| | |
|-------------------------------------|----|
| Number of power module filled slots | 0 |
| Number of power module free slots | 0 |
| Redundant | No |

Physical

| | |
|---------------------|---------------|
| Height | 14.8 cm |
| Width | 36.2 cm |
| Depth | 17.1 cm |
| Net weight | 8.18 kg |
| Mounting preference | No preference |

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| | |
|--------------------|--------------------|
| Mounting mode | Not rack-mountable |
| Two post mountable | 0 |
| USB compatible | No |

Input

| | |
|----------------------------|---------------------------------------|
| Input voltage limits | 151...302 V adjustable 160...285 V |
| Number of input connectors | 1 hard wire 3-wire (1P + N + E) |
| Network frequency | 50/60 Hz +/- 3 Hz auto-sensing |

Output

| | |
|----------------------------------|--|
| Harmonic distortion | Less than 5 % |
| Maximum configurable power in VA | 500 VA |
| Maximum configurable power in W | 325 W |
| UPS type | Line interactive |
| Efficiency | 94 % (full load) |
| Output frequency | 47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains |

Conformance

| | |
|------------------------|--|
| Product certifications | CE[RETURN]VDE |
| Standards | EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018 |

Environmental

| | |
|---------------------------------------|-------------------|
| Acoustic level | 55 dBA |
| Heat dissipation | 90 Btu/h |
| Operating altitude | 0...10000 ft |
| Ambient air temperature for operation | 0...40 °C |
| Ambient air temperature for storage | -15...45 °C |
| Storage altitude | 0.00...15240.00 m |
| IP degree of protection | IP20 |
| Relative humidity | 0...95 % |
| Storage Relative Humidity | 0...95 % |

Communications & Management

| | |
|---------------------|--|
| Control panel | LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators |
| Emergency power off | Yes |
| Free slots | 1 |
| Alarm | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |

Surge Protection and Filtering

| | |
|-------------------|--|
| Surge energy rate | 540 J |
| Noise suppression | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |

Packing Units

| | |
|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 29.7 cm |
| Package 1 Width | 48.1 cm |
| Package 1 Length | 29.7 cm |
| Package 1 Weight | 9.55 kg |

Offer Sustainability

| | |
|-----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile |  End Of Life Information |
| Optimized Energy Efficiency | Energy efficient product |
| Take-back | Take-back program available |

Contractual warranty

| | |
|----------|---------------------------|
| Warranty | 2 years repair or replace |
|----------|---------------------------|