Product datasheet

Specification





Easy UPS 3S 20 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery strings, expandable to 3

E3SUPS20KHB1

Overview

| Presentation | Easy-to-install, easy-to-operate, easy-to-maintain, and easy-to-service 20 kVA, 400V 3-phase UPS. With advanced product features, competitive specifications, and robust electrical design, the Easy UPS 3S UPS makes business continuity easy for small and medium data centers and electrical rooms. Includes dust filter and conformance-coated boards for harsh environments, and 2 internal 7Ah modular battery strings, expandable to 3 strings for extended runtime. |
|--------------|---|
| Lead Time | Usually Ships within 6 Weeks |

Main

| Main Input Voltage | 400 V 3 phases | |
|----------------------|-----------------------------------|--|
| Other Input Voltage | 380 V 415 V | |
| Main Output Voltage | 400 V 3 phases | |
| Other Output Voltage | 380 V 415 V | |
| Rated Power In W | 20 kW | |
| Rated Power In Va | 20 kVA | |
| Provided Equipment | Dust filter Installation guide | |

Batteries & Runtime

| Efficiency | View Efficiency Graph ☐ |
|--------------------------------|-------------------------|
| Battery Type | VRLA |
| Battery Voltage | 240 V |
| Maximum Short-Circuit Current | 10 kA |
| Number Of Battery Filled Slots | 2 |
| Number Of Battery Free Slots | 1 |

Physical

| Colour | White (RAL 9003) |
|----------------|------------------|
| Height | 140 cm |
| Width | 38 cm |
| Depth | 92.8 cm |
| Net Weight | 446 kg |
| Usb Compatible | Yes |

Input

| Maximum Input Current | 37 A |
|---------------------------------|-----------------------------|
| Input Harmonic Distortion | Less than 3 % for full load |
| Load Power Factor | 0.9 leading to 0.9 lagging |
| Input Power Factor At Full Load | 0.99 |
| Input Voltage Limits | 304477 V |
| Network Frequency | 4565 Hz |

Output

| • | |
|----------------------------------|---|
| Maximum Configurable Power In Va | 20 kVA |
| Maximum Configurable Power In W | 20 kW |
| Output Frequency | 50 Hz sync to mains 60 Hz sync to mains |
| Harmonic Distortion | Less than 3 % |
| Output Harmonic Distortion | < 3% linear load |
| Output Voltage Tolerance | +/- 1.5 % |
| Ups Type | Double conversion online |
| Additional Information | UPS weight does not include battery weight. |

Conformance

| Product Certifications | CE EAC |
|------------------------|-----------|
| | RCM |

Environmental

| Ambient Air Temperature For Operation | 040 °C |
|---------------------------------------|----------------------|
| Relative Humidity | 095 % non-condensing |
| Operating Altitude | 03333 ft |
| Ambient Air Temperature For Storage | -1540 °C |
| Storage Relative Humidity | 095 % non-condensing |
| Storage Altitude | 0.0015240.00 m |
| Acoustic Level | 60 dBA |
| Heat Dissipation | 900 Btu/h |
| Ip Degree Of Protection | IP20 |

Packing Units

| Unit Type Of Package 1 | PCE |
|------------------------------|----------|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 164 cm |
| Package 1 Width | 101.4 cm |
| Package 1 Length | 56.3 cm |
| Package 1 Weight | 494 kg |

Contractual warranty

Warranty

1 year on-site repair or replace with factory authorized Start-Up



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Rohs Exemption Information

Yes

Certifications & Standards

| Reach Regulation | REACh Declaration |
|--------------------------|---|
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |