



## Overview

|           |                  |
|-----------|------------------|
| Lead time | Usually in Stock |
|-----------|------------------|

## General

|                                     |                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------|
| Provided equipment                  | CD with software<br>Installation guide<br>User manual<br>Web/SNMP management card |
| Product web sub-family              | 4kVA power increments                                                             |
| Performance multiplier              | 1                                                                                 |
| Number of tare power                | 200 W                                                                             |
| Number of power module free slots   | 3                                                                                 |
| Number of power module filled slots | 2                                                                                 |
| Redundant                           | Yes                                                                               |
| Size UPS version                    | Internetworking<br>Server<br>Telecom                                              |
| UPS size                            | L                                                                                 |
| Value multiplier                    | 1                                                                                 |

## Physical

|                     |                    |
|---------------------|--------------------|
| Colour              | Black<br>Silver    |
| Depth               | 72.6 cm            |
| Height              | 93.7 cm            |
| Mounting location   | Front              |
| Mounting preference | No preference      |
| Net weight          | 219.55 kg          |
| Mounting mode       | Not rack-mountable |

|                    |         |
|--------------------|---------|
| Two post mountable | 0       |
| USB compatible     | No      |
| Width              | 48.3 cm |

## Input

|                            |                                 |
|----------------------------|---------------------------------|
| Network frequency          | 45...65 Hz auto-sensing         |
| Number of input connectors | 1 hard wire 4-wire (2P + N + E) |
| Input voltage limits       | 96...138 V line to neutral      |
| Inputvolt_other            | 240 V                           |
| Input harmonic distortion  | Less than 7 % for full load     |
| Input voltage              | 208 V                           |
| Cos phi                    | 0.98                            |

## Output

|                                  |                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated power in W                 | 6400 W                                                                                                                                                                                                    |
| Maximum configurable power in W  | 12800 W                                                                                                                                                                                                   |
| Harmonic distortion              | Less than 5 % at full load                                                                                                                                                                                |
| Output frequency                 | 47...63 Hz sync to mains<br>60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised<br>50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised                                                                          |
| Outputvolt_other                 | 240 V                                                                                                                                                                                                     |
| Crest factor                     | Up to 5 : 1                                                                                                                                                                                               |
| UPS type                         | Double conversion online                                                                                                                                                                                  |
| Wave type                        | Sine wave                                                                                                                                                                                                 |
| Output connector type            | Hard wire 4-wire (2P + N + E) 1                                                                                                                                                                           |
| Bypass type                      | Internal bypass (automatic and manual)                                                                                                                                                                    |
| Curve equation                   | Efficiency                                                                                                                                                                                                |
| Curve fixed loss                 | 0.0305                                                                                                                                                                                                    |
| Curve load maximum               | 100 %                                                                                                                                                                                                     |
| Curve load minimum               | 4 %                                                                                                                                                                                                       |
| Curve proportional loss          | 0.0622                                                                                                                                                                                                    |
| Curve square loss                | 0.0196                                                                                                                                                                                                    |
| Curve X-axis maximum             | 100 %                                                                                                                                                                                                     |
| Curve test cond ID               | Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output. |
| Curve X-axis minimum             | 0 %                                                                                                                                                                                                       |
| Curve X-axis title               | Load                                                                                                                                                                                                      |
| Curve X-axis units               | Percentage                                                                                                                                                                                                |
| Curve Y-axis maximum             | 100 %                                                                                                                                                                                                     |
| Curve Y-axis minimum             | 50 %                                                                                                                                                                                                      |
| Curve Y-axis title               | Efficiency                                                                                                                                                                                                |
| Curve Y-axis units               | Percentage                                                                                                                                                                                                |
| Graph display                    | 1                                                                                                                                                                                                         |
| Maximum output current           | 37 A                                                                                                                                                                                                      |
| Output voltage                   | 120 V<br>208 V                                                                                                                                                                                            |
| Maximum configurable power in VA | 16000 VA                                                                                                                                                                                                  |
| Rated power in VA                | 8000 VA                                                                                                                                                                                                   |

## Conformance

|                        |                                |
|------------------------|--------------------------------|
| Product certifications | CSA                            |
| Standards              | FCC part 15 class A<br>UL 1778 |

## Environmental

|                                       |                  |
|---------------------------------------|------------------|
| Ambient air temperature for operation | 0...40 °C        |
| Relative humidity                     | 0...95 %         |
| Operating altitude                    | 0...10000 ft     |
| Ambient air temperature for storage   | -15...45 °C      |
| Storage Relative Humidity             | 0...95 %         |
| Storage altitude                      | 0.00...4572.00 m |
| Acoustic level                        | 62 dBA           |
| Heat dissipation                      | 4995 Btu/h       |
| Show note OP temperature              | No               |

## Batteries & Runtime

|                                |                                                                                                                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery type                   | Lead-acid battery                                                                                                                                                                   |
| Number of battery filled slots | 2                                                                                                                                                                                   |
| Number of battery free slots   | 2                                                                                                                                                                                   |
| Battery recharge time          | 3 h                                                                                                                                                                                 |
| Additional information         | Configurable for 120/208 or 120/240 output voltage                                                                                                                                  |
| Liquid value                   | 0                                                                                                                                                                                   |
| Battery curve                  | C                                                                                                                                                                                   |
| Battery charger power          | 574 W rated                                                                                                                                                                         |
| Battery power in VAH           | 1728 VAh runtime                                                                                                                                                                    |
| Battery life                   | 3...5 year(s)                                                                                                                                                                       |
| Battery option                 | SYBT5 1 2592 VAh<br>SYBT5 2 3456 VAh<br>SYAXR9B9 1 9504 VAh<br>SYAXR9B9 2 17280 VAh<br>SYAXR9B9 3 25056 VAh<br>SYAXR9B9 4 32832 VAh<br>SYAXR9B9 5 40608 VAh<br>SYAXR9B9 6 48384 VAh |
| Extended runtime               | 1                                                                                                                                                                                   |

## Communications & Management

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| Free slots          | 1                                                       |
| Preinstalled device | Network management card 2 with environmental monitoring |
| Control panel       | Multifunction LCD status and control console            |
| Alarm               | Audible and visible alarms prioritized by severity      |
| Emergency power off | Yes                                                     |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Package 1 Weight             | 236.82 kg |
| Package 1 Height             | 118.1 cm  |
| Package 1 width              | 59.9 cm   |
| Package 1 Length             | 99.7 cm   |
| Number of Units in Package 3 | 1         |

## Offer Sustainability

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Sustainable offer status | Green Premium product                            |
| RECh Regulation          | <a href="#">RECh Declaration</a>                 |
| EU RoHS Directive        | Compliant<br><a href="#">EU RoHS Declaration</a> |
| Mercury free             | Yes                                              |

|                             |                          |
|-----------------------------|--------------------------|
| RoHS exemption information  | Yes                      |
| Optimized Energy Efficiency | Energy efficient product |

### Contractual warranty

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