

# Product data sheet

Specifications



## APC Smart-UPS VT 10kVA 400V, Internal Maintenance Bypass

SUVT10KH

⚠ Discontinued on: Dec 31, 2020

⚠ End-of-service on: Feb 21, 2024

⚠ Discontinued

### Overview

Lead time Usually Ships within 2 Weeks

### Main

|                         |                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Main Input Voltage      | 400 V 3 phases                                                                                                                          |
| Other Input Voltage     | 380 V<br>415 V                                                                                                                          |
| Main Output Voltage     | 230 V<br>400 V 3 phases                                                                                                                 |
| Other Output Voltage    | 380 V<br>415 V                                                                                                                          |
| Rated power in W        | 8000 W                                                                                                                                  |
| Rated power in VA       | 10000 VA                                                                                                                                |
| Output connector type   | Hard wire 4-wire (3P + E) 1<br>Hard wire 5-wire (3P + N + E) 1                                                                          |
| Connections - terminals | 1 screw terminals                                                                                                                       |
| Provided equipment      | Bolt down brackets<br>CD with software<br>Installation guide<br>Power modules ship installed<br>User manual<br>Web/SNMP management card |

### Batteries & Runtime

|                  |                                                                                                                           |
|------------------|---------------------------------------------------------------------------------------------------------------------------|
| Run Time         | <a href="#">View Runtime Graph</a>     |
| Efficiency       | <a href="#">View Efficiency Graph</a>  |
| Battery type     | External battery system                                                                                                   |
| Extended runtime | 0                                                                                                                         |

### General

|                                     |                          |
|-------------------------------------|--------------------------|
| UPS type                            | Double conversion online |
| Number of power module free slots   | 0                        |
| Number of power module filled slots | 0                        |
| Redundant                           | No                       |

### Physical

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                     |                    |
|---------------------|--------------------|
| Colour              | Black              |
| Height              | 82.3 cm            |
| Width               | 35.2 cm            |
| Depth               | 90.6 cm            |
| net weight          | 134 kg             |
| mounting location   | Front              |
| Mounting preference | No preference      |
| mounting mode       | Not rack-mountable |
| USB compatible      | No                 |

## Input

|                                 |                                 |
|---------------------------------|---------------------------------|
| Network frequency               | 47...70 Hz auto-sensing         |
| Number of input connectors      | 1 hard wire 5-wire (3P + N + E) |
| Input voltage limits            | 304...477 V                     |
| Input Power Factor at Full Load | 0.98                            |

## Output

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| Maximum configurable power in VA | 10000 VA                                                                                       |
| Maximum configurable power in W  | 8000 W                                                                                         |
| Output frequency                 | 47...53 Hz for 50 Hz nominal sync to mains<br>50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised |
| Wave type                        | Sine wave                                                                                      |
| Efficiency                       | 95.7 % (full load)<br>95.2 % (half load)                                                       |
| Harmonic distortion              | Less than 5 % at full load                                                                     |
| Crest factor                     | Unlimited                                                                                      |
| Bypass type                      | Built-in maintenance bypass<br>Built-in static bypass                                          |
| Additional information           | Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage                             |

## Conformance

|                        |              |
|------------------------|--------------|
| Product certifications | C-Tick<br>CE |
|------------------------|--------------|

## Environmental

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Ambient air temperature for operation | 0...40 °C                         |
| Relative humidity                     | 0...95 %                          |
| Operating altitude                    | 0...3333 ft                       |
| Ambient air temperature for storage   | -50...40 °C                       |
| Storage Relative Humidity             | 0...95 %                          |
| Storage altitude                      | 0.0000000000...15240.0000000000 m |
| Acoustic level                        | 64 dBA                            |
| heat dissipation                      | 1286 Btu/h                        |

|                         |      |
|-------------------------|------|
| IP degree of protection | IP20 |
|-------------------------|------|

## Communications & Management

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Free slots          | 0                                                     |
| Preinstalled device | Network management card with environmental monitoring |
| Alarm               | Audible and visible alarms : prioritized by severity  |
| Emergency power off | Yes                                                   |

## Packing Units

|                              |        |
|------------------------------|--------|
| Unit Type of Package 1       | PCE    |
| Number of Units in Package 1 | 1      |
| Package 1 Height             | 129 cm |
| Package 1 Width              | 111 cm |
| Package 1 Length             | 72 cm  |
| Package 1 Weight             | 173 kg |

## Contractual warranty

|          |                          |
|----------|--------------------------|
| Warranty | 1 year repair or replace |
|----------|--------------------------|