# Product data sheet Characteristics

# SUVTP15KH2B4S

APC Smart-UPS VT 15kVA 400V w/2 Batt Mod Exp to 4, Start-Up 5X8, Int Maint Bypass, Parallel Capable





# Commercial status

Usually Ships within 2 Weeks

Discontinued on: 14 January 2021

To be end-of-service on: 31 December 2030

## Overview Lead time

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General		Į.
Provided equipment	Battery modules ship installed CD with software Network management card Power modules ship installed User manual Bolt down brackets Installation guide Start up included	used for determining suitability or raliability
Performance multiplier	1	de e
Number of tare power	230 W	je Po
Number of power module free slots	0	n ac
Number of power module filled slots	0	
Redundant	No	. <u>w</u>
Size UPS version	Internetworking Server Telecom	substitute for and
UPS size	L	
Value multiplier	1	ง 

## Physical

i ilysicai		
Colour	Black	
Depth	84.2 cm	
Height	149 cm	
Mounting location	Front	
Mounting preference	No preference	

Net weight	415 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	52.3 cm

# Input

Network frequency	4070 Hz auto-sensing
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	304477 V
Inputvolt_other	380 V 415 V
Maximum input current	21 A
Switching current capacity	35 A
Input voltage	400 V 3 phases
Cos phi	0.98

# Output

Ration power in W         12000 W           Maximum configurable power in W         12000 W           Harmonic distortion         Less than 5 % at full load           Output frequency         4753 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1% for 50 Hz nominal unsynchronised           Outputvolt, other         380 V           415 V         415 V           Crest factor         3 : 1           UPS type         Double conversion online           Wave type         Sine wave           Connections - terminals         1 screw terminals           Output connector type         Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1           Bypass type         Built-in maintenance bypass Built-in maintenance bypass Built-in static bypass           Curve quation         Efficiency           Curve fixed loss         0.0157           Curve load maximum         100 %           Curve load minimum         2 %           Curve Ayarare loss         0.0088           Curve Systemaximum         100 %           Curve Lest 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 PF = 0.8 output.           Curve Y-axis minimum         0 %           Curve Y-axis minimum         50	Output	
Harmonic distortion         Less than 5 % at full load           Output frequency         4753 Hz for 50 Hz nominal sync to mains 50 Hz nominal unsynchronised           Outputvolt_other         380 V 415 V           Crest factor         3:1           UPS type         Double conversion online           Wave type         Sine wave           Connections - terminals         1 screw terminals           Output connector type         Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1           Bypass type         Built-in maintenance bypass Built-in static bypass           Curve equation         Efficiency           Curve load maximum         100 %           Curve load minimum         2 %           Curve proportional loss         0.0068           Curve square loss         0.0249           Curve Load Timinum         0 %           Curve Exasis minimum         0 %           Curve Exasis minimum         0 %           Curve X-axis minimum         0 %           Curve X-axis minimum         0 %           Curve X-axis title         Load           Curve X-axis title         Load           Curve Y-axis minimum         50 %           Curve Y-axis title         Efficiency           Curve Y-	Rated power in W	12000 W
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Crest factor 3:1  UPS type Double conversion online  Wave type Sine wave  Connections - terminals 1 screw terminals  Output connector type Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1  Bypass type Built-in maintenance bypass Built-in static bypass  Curve equation Efficiency  Curve fixed loss 0.0157  Curve load maximum 100 %  Curve load minimum 2 %  Curve square loss 0.0088  Curve square loss 0.0088  Curve square loss 0.0249  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 PF = 0.8 output.  Curve X-axis minimum 0 %  Curve X-axis minimum 0 %  Curve X-axis units Percentage  Curve Y-axis maximum 100 %  Curve Y-axis minimum 50 %  Curve Y-axis minimum 50 %  Curve Y-axis minimum 50 %  Curve Y-axis minimum 100 %  Curve Y-axis minimum 20 %  Curve Y-axis minimum 20 %  Curve Y-axis minimum 20 %  Curve Y-axis minimum 50 %  Curve Y-axis minimum 60 %  Curve Y-axis minimum 60 %  Curve Y-axis minimum 700 %  Curve Y-axis min	Output frequency	
UPS type         Double conversion online           Wave type         Sine wave           Connections - terminals         1 screw terminals           Output connector type         Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1           Bypass type         Built-in maintenance bypass Built-in static bypass           Curve equation         Efficiency           Curve fixed loss         0.0157           Curve load maximum         100 %           Curve load minimum         2 %           Curve proportional loss         0.0068           Curve x-axis maximum         100 %           Curve X-axis maximum         100 %           Curve X-axis minimum         0 %           Curve X-axis minimum         0 %           Curve X-axis units         Percentage           Curve Y-axis units         Percentage           Curve Y-axis minimum         50 %           Curve Y-axis units         Percentage	Outputvolt_other	
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Output voltage 400 V 3 phases  Maximum configurable power in VA 15000 VA	Graph display	1
Maximum configurable power in VA 15000 VA	Maximum output current	24 A
	Output voltage	400 V 3 phases
Rated power in VA 15000 VA	Maximum configurable power in VA	15000 VA
	Rated power in VA	15000 VA

# Conformance

Product certifications	C-Tick CE RCM
Standards	EN 50091-2 EN/IEC 62040-3 IEC 61000-3-2 IEC 61000-3-3 ISO 14001 ISO 9001 VFI-SS-111

#### Environmental

Livironinichtai	
Ambient air temperature for operation	040 °C
Relative humidity	095 %
Operating altitude	03333 ft
Ambient air temperature for storage	-5040 °C
Storage Relative Humidity	095 %
Storage altitude	0.0015240.00 m
Acoustic level	64 dBA
Heat dissipation	2170 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

# Batteries & Runtime

Battery type	VRLA
Number of battery filled slots	2
Number of battery free slots	2
Battery recharge time	5 h
Number of battery replacement quantity	2
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Liquid value	0
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery curve	В
Battery charger power	995 W rated
Battery power in VAH	4983 VAh runtime
Battery life	35 year(s)
Battery option	SYBT4 1 7424 VAh SYBT4 2 9810 VAh SUVTXR6B6S 1 19731 VAh SUVTXR6B6S 2 34607 VAh SUVTXR6B6S 3 49438 VAh SUVTXR6B6S 4 64485 VAh
Battery graph comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output.
Extended runtime	1

# Communications & Management

Free slots	0
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	445.91 kg
Package 1 Height	164.3 cm
Package 1 width	65 cm
Package 1 Length	106.2 cm
Number of Units in Package 3	1

## Offer Sustainability

Onor Odolamability	
Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

## Contractual warranty

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Warranty	1 year repair or replace, Start-Up Service

# SUVTP15KH2B4S is replaced by:



# Galaxy VS GVSUPS15KB4HS

Galaxy VS UPS 15kW 400V, 1 internal 9Ah smart modular battery string, expandable to 4, Start-up 5x8

Qty 1

Reason for Substitution: End of life | Substitution date: 10 March 2021