SUVTR30KHS

APC Smart-UPS VT rack mounted 30kVA 400V w/PDU & startup

Product Overview

APC Smart-UPS VT rack mounted 30kVA 400V w/PDU & startup



Specifications

Overview:

Effective 10-40kVA 3 phase UPS power protection against downtime and data loss for mission critical applications.

Features:

Field-replaceable power distribution panel
Ensures compatibility with equipment that has different plug types.

Locking cabinet
Prevents unauthorized access to the UPS.

Multiple cable-entry points
Provides flexibility of UPS placement in the room and easy access to install cabling to the terminal blocks.

Resettable circuit breakers
Enables a quick recovery from overload events.

Cold-start capable
Provides temporary battery power when the utility power is out.

Frequency and voltage regulation
Gives higher application availability by correcting poor frequency and voltage conditions without using the battery.

Safety-agency approved
Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment.

Manual maintenance bypass

Reduces installation costs by eliminating the need for an external mechanical bypass.

Intelligent battery management
Maximizes battery performance, life, and reliability through intelligent, precision charging.

Input power factor correction
Minimizes installation costs by enabling the use of smaller generators and cabling.

Temperature-compensated battery charging
Prolongs battery life by regulating the charge voltage according to battery temperature.

Network manageable
Provides remote power management of the UPS over the network.

InfraStruXure Manager Compatible
Enables centralized management via the APC InfraStruXure Manager.

LCD display
Alpha-Numeric Display which displays system parameters and alarms.

Audible alarms
Provides notification of changing utility power and UPS power conditions

Programmable frequency
Ensures compatibility with different input frequencies.

LED status indicators
Quickly understand unit and power status with visual indicators.

SmartSlot
Customize UPS capabilities with management cards.

Automatic self-test
Periodic battery self-test ensures early detection of a battery that needs to be replaced.

Battery replacement without tools
Enables fast battery replacement, lowering Mean Time to Repair (MTTR).

Shippable with modules installed
Enables pre-installation UPS staging and testing and faster installation.

Modular design
Provides fast serviceability and reduced maintenance requirements via self-diagnosing, field-replaceable modules.

Dual mains input
Increases availability by allowing the UPS to be connected to two separate power sources.

Scalable runtime
Allows additional run time to be quickly added as needed.

Battery modules connected in parallel
Delivers higher availability through redundant batteries.

Generator compatible
Ensures clean, uninterrupted power to protected equipment when generator power is used.

Automatic internal bypass
Supplies utility power to the connected loads in the event of a UPS power overload or fault.

Network manageable
Provides remote power management of the UPS over the network.

Manual maintenance bypass
Reduces installation costs by eliminating the need for an external mechanical bypass.

Input power factor correction
Minimizes installation costs by enabling the use of smaller generators and cabling.

Hot-swappable batteries
Ensures clean, uninterrupted power to protected equipment while batteries are being replaced

Dual mains input
Increases availability by allowing the UPS to be connected to two separate power sources.

Scalable runtime
Allows additional run time to be quickly added as needed.

Specifications:

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Specifications	
Product Code	SUVTR30KHS
Output	
Output power capacity	24.0 KWatts / 30.0 kVA
Max Configurable Power (Watts)	24.0 KWatts / 30.0 kVA
Nominal Output Voltage	400V 3PH
Output Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Efficiency at Full Load	0.964
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal
Output Frequency (not synced)	50Hz +/- 0.1% for 50Hz nominal
Other Output Voltages	380, 415
Load Crest Factor	Unlimited
Topology	Double Conversion Online
Waveform type	Sine wave
Overload Operation	60 seconds @ 125% and 30 seconds @ 150%

Maximum Output Current	48
Output Connections	(12) IEC 320 C19 (Battery Backup)
Bypass	Built-in Maintenance Bypass, Built-in Static Bypass
Input	
Nominal Input Voltage	400V 3PH
Input frequency	40 - 70 Hz
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	304 - 477V
Efficiency at Full Load	0.964
Other Input Voltages	380, 415
Maximum Input Current	41.0A
Input Power Factor at Full Load	0.98
Batteries & Runtime	
Battery type	VRLA
Typical recharge time	3hour(s)
Expected Battery Life (years)	3 - 5
Communications & Management	
Interface Port(s)	DB-9 RS-232, SmartSlot
Control panel	Multi-function LCD status and control console
Audible Alarm	Audible and visible alarms : configurable delays
Emergency Power Off (EPO)	Yes
Physical	
Maximum Height	1995mm, 199.5CM
Maximum Width	600mm, 60.0CM
Maximum Depth	1075mm, 107.5CM
Net Weight	289.0KG
Shipping weight	370.91KG
Shipping Height	2095mm, 209.5CM
Shipping Width	756mm, 75.6CM
Shipping Depth	1206mm, 120.6CM
Color	Black
Environmental	
Operating Temperature	0 - 40 degreesC
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-999.9meters
Storage Temperature	-50 - 40 degreesC

Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	67.0dBA
Online thermal dissipation	3685.0BTU/hr
Protection Class	IP 20
Conformance	
Approvals	C-tick, CE, EN 50091-2, EN/IEC 62040-3, IEC 61000-3-2, IEC 61000-3-3, ISO 14001, ISO 9001, RCM, VFI-SS-111

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/SUVTR30KHS-APC-Smart-UPS-VT-rack-mounted-30kVA-400V-w-PDU-startup-p-216874.php

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