Smart-UPS VT

“Compact, high-performance power protection with scalable runtime”

10 / 15 / 20 / 30 kVA – Three-phase

Performance 3 Phase Power Protection in Optimized Footprint with Hot Scalable Runtime for Small Data Centers and Other Business Critical Applications

> High Efficiency in Class (96%)
> Small Footprint
> Scalable runtime
> Parallel Capable
> Network Manageability

APC by Schneider Electric

Smart VT Features

High Availability

The Smart-UPS VT includes dual-mains inputs, automatic and maintenance bypasses, and scalable runtime with hot-swappable batteries which are quick and easy to replace for increased availability.

Its compatibility with the market-leading remote management applications, coupled with intuitive LCD user interface and LED status indicators ensures the utmost availability for business critical applications.

A versatile product

The Smart-UPS VT is available in a wide choice of configurations to best fit each specific installation need.

> 10 / 15 / 20 / 30 kVA

> 2 different enclosures: wide or narrow tower for optimized footprint

> Flexible runtime capacity :

- with hot-swappable batteries and extended run enclosures
- with up to 4 internal battery strings and external extended runtime enclosures

> Compatibility with generators, transformers, etc..

Reduced Total Cost of Ownership

Smart-UPS VT intelligent design leads to a significant reduction of the TCO and makes it the ideal choice over time.

> Best-in-class efficiency even at low load levels minimizes energy losses and operating costs

> Compact, small footprint for floor space optimization

> Input power factor correction reduces installation costs

> Reduction of electrical infrastructure rating requirements (wire, transformers, generators…)

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Smart-UPS VT Features & Options

High performance

> Up to 96% efficiency even at low load levels
> Large input voltage tolerance for compatibility with low-quality power grids
> Low input / output signal distortion
> Parallel capability up to 4 units for redundant configurations or capacity extension

Easy maintenance

The product design allows quick maintenance in case of failure, leading to higher availability for the load.
> slide-in/out concept for the power module for a quick comeback to normal state
> hot-swappable batteries for quick and easy replacement

Manageability

The built-in features of the Smart-UPS VT combined with APC's leading management solutions make it easy to manage and monitor, both proactively or upon failure. This significantly improves control over the energy supply and ensures high availability for the loads.
> Remote management of the UPS over network or telephone lines
> Centralized management via InfraStruXure Manager

Comprehensive Services offering

The Smart-UPS VT product design backed up by APC by Schneider Electric world-class Services organization provides the serenity required by any business-critical application.
> On-site audits
> Maintenance contracts
> Battery replacement
> Remote monitoring for maximized up-time

Options

Smart-UPS VT product offering provides a list of options
> Service Bypass Panel Stand-alone
> Service Bypass Panel with distribution
> Circuit breaker panel
> Power Availability
> 1 year repair or replace

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Technical characteristics

UPS Rating kVA/KW (PF = 0.8)	10/8	15/12	20/16	30/24
AC power supply input				
Input voltage (V)	208V (3 Phase)			
Frequency (Hz)	40-70 Hz (auto-sensing)			
Power Factor	<0,98			
Input current total harmonic distortion	Less than 5% for full load			
Output				
Output voltage (V)	120V, 208V			
Frequency (Hz)	57 - 63 Hz for 60 Hz nominal			
Power Factor	0.8			
Overload	150% 1 minute, 125% 10 minutes			
Output voltage total harmonic distortion	Less than 5% for full load			
Performance				
Efficiency (at full load)	95,7%	95,7%	95,3%	96,4%
Operating temperature	0-40°C			
Paralleling	up to 4 units			
Spec feature	For either redundancy or capacity			
Dimensions (HxWxD) mm				
Wide Tower	1500x523x854			
Narrow Tower (10 /15 kVA)	1500x352x854		N/A	
Environmental conditions and noise				
Audible Noise (dBA)	64dB (57dB at 70% load)			
Operating Temperature	0°C to 40°C (32 to 104 °F)			
Operating Relative Humidity	0 to 95%			

Wide Tower
(10/15/20/30 kVA)

Narrow Tower
(10/15 kVA)

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