



**APC**<sup>TM</sup>

# Smart-UPS for Shipboard Application

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# Smart-UPS for Shipboard Features

APC by Schneider Electric offers tailored solutions to meet the demanding requirements for marine, shipboard and other mobile applications. Designed and engineered to meet the unique demands of shipboard applications. With naval ready features shipboard UPSs provide clean, reliable, and battle-ready performance.



## Dual Pole Circuit Breaker

Provides enhanced protection in shipboard environments

## Master Kill and Battle Reset Switch

Provides quick access and control of the UPS in case of an emergency

## Disabled Site Wiring Fault

Accommodates for resistances greater than 1 m Ohm between the AC line and ground in shipboard environments.

## Switched Outlet Group\*

Controlled separately from the UPS for discrete reboot of hung devices, sequenced ON/OFF, and non-critical load shedding

## SmartSlot™ Interface\*\*

Accepts a wide array of accessory cards for advanced management and environmental monitoring

## Configurable, Multi-lingual LCD Display

Provides UPS status and key measures at a glance. Clear and accurate, menu-driven display for easy set-up and customization with or without software installation

## Extended-range Automatic Voltage Regulation

Provides enhanced brownout protection, boosting incoming voltage up to 30% without using battery power

\* Only for SMT1500X93, SMT1500RMX93, SMX3000RMX93

\*\* Only for SMX3000RMX93

# Smart-UPS for Shipboard Display

## Intuitive, easy-to-use LCD interface



### LCD Display Screen

Clear, consistent, and detailed information in your choice of basic or advanced menus

### Power Status

Operating mode, efficiency, load, input / output frequency, battery capacity, runtime and more

### Configuration

Easy to configure language, power quality, alarms, delay and threshold settings

### Test and Diagnostics

Initiate battery and runtime calibration tests

### Control

UPS and outlet group settings

### Logs

See explanation of last 10 transfers and UPS events

### Quick Status Indicators

Online, on battery, replace battery and other UPS events LEDs for quick status identification

### Escape, Return and Navigation Buttons

Intuitive navigation to confirm, exit or adjust settings

### Load Energy Meter

Track energy usage in kilo watt hours

# Smart-UPS accessories



AP9641



AP9834

## UPS management accessories\*

- AP9640: UPS network management card
- AP9641: UPS network management card with environmental monitoring
- AP9643: UPS network management card with environmental monitoring, out-of-band access and Modbus
- AP9834: APC USB Wi-Fi Device [compatible with AP9641 & AP9643]



AP9625

## Rail Kit options\*\*

- AP9625: APC Smart-UPS two-post rail kit

## Service bypass panels

- SBP1500RM: APC service bypass PDU, 120V, 15 amp with (8) NEMA 5-15R



AP9562

## Power distribution units

- AP9562: APC Rack PDU, Basic, 1U, 15A, 120V, (10) NEMA 5-15R
- AP9567: APC Rack PDU, Basic, Zero U, 15A, 120V, (14) NEMA 5-15R

\*Only for SMX3000RMX93

\*\* Only for SMT1500RMX93

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# Smart-UPS for Shipboard Applications

SKU technical specifications



	SMT750X93	SMT1500X93	SMT1500RMX93	SMX3000RMX93
Topology	Line interactive			
Output				
Output power capacity	500 Watts / 750 VA	1000 Watts / 1440 VA		2700 Watts / 3000 VA
Nominal output voltage	120V			
Output voltage distortion	Less than 5% at full load			
Output frequency (sync to mains)	50/60 Hz +/- 3 Hz (auto sensing)			
Waveform type	Sine Wave			
Output connections	(6) NEMA 5-15R	(8) NEMA 5-15R	(6) NEMA 5-15R	(6) NEMA 5-15R (3) NEMA 5-20R
Efficiency at full load	90%			
Input				
Nominal input voltage	120V			
Input frequency	47 ~ 63 Hz +/- 3 Hz (auto sensing)			
Input connections	NEMA 5-15P			NEMA L5-30P
Input voltage range (full load)	82V – 144V			65V – 153V
Batteries and runtime				
Battery type	Maintenance-free, sealed lead-acid battery, leak proof			
Extended battery capability	No			Yes
Runtime (at full load / half load)	5 mins / 15 mins	5 mins / 17 mins	7 mins / 26 mins	5 mins* / 15 mins*
Communications and management				
Interface port(s)	Serial (RJ45), USB 2.0			
SmartSlot™ interface availability	No			Yes
Control panel	LCD interface with quick status indicators			
EPO	No			Yes
Disabled site wiring fault	Yes			
Physical				
Rack height	-		2U	4U
Net HxWxD (mm)	161 x 138 x 369	219 x 171 x 439	86 x 432 x 477	178 x 432 x 483
Net weight (lbs.)	27.6	54.2	58.4	85.19
Color	Black			
Environmental				
Operating environment	32 – 104 °F (0 – 40 °C)			
Operating relative humidity	0 – 95%			
Operating elevation	0-10000 feet (0-3000 meters)			
Storage temperature	-4 – 131 °F (-20 – 55 °C) short term storage			
Storage relative humidity	0 – 95%, non-condensing			
Storage elevation	0-50000 feet (0-15000 meters)			
Audible noise at 1 meter	< 41 dBA	< 45 dBA		< 55 dBA
Conformance				
Regulatory approvals	UL1778, CSA 22.2 No. 107.1, FCC Part 15B, cULus			
Standard warranty	3-years electronics and 2-years battery			

\* Runtime can be extended using external battery pack SMX120BP

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