

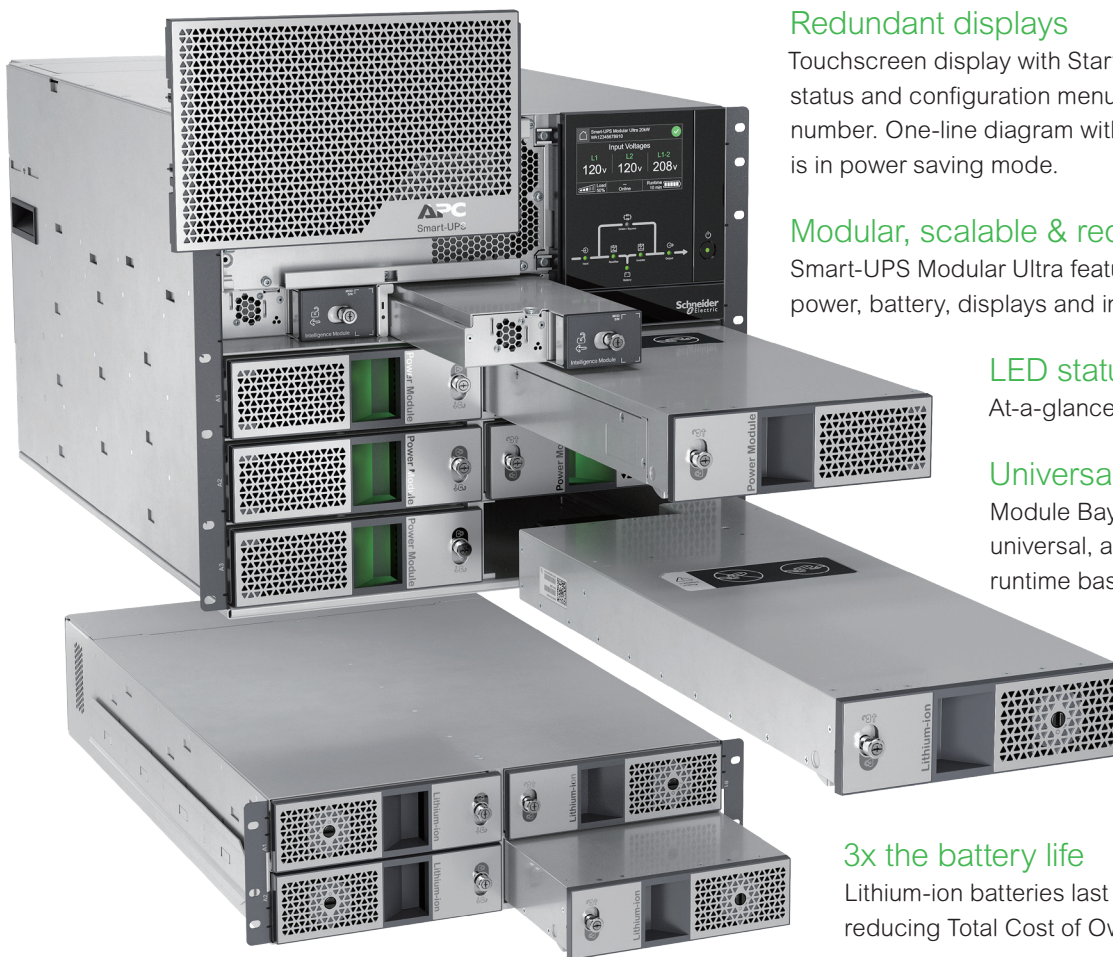


APC Smart-UPS Modular Ultra

The industry's first modular single phase Lithium-ion UPS

50% smaller, 60% lighter, 2.5x more power

Next-gen semiconductor technology gives this UPS 2.5x more power in half the size.



Redundant displays

Touchscreen display with Start-up wizard, access to status and configuration menus & data, including serial number. One-line diagram with UPS status when display is in power saving mode.

Modular, scalable & redundant

Smart-UPS Modular Ultra features more redundancy: power, battery, displays and intelligence modules.

LED status indicators

At-a-glance UPS and module status.

Universal Bays

Module Bays within the 9U UPS chassis are universal, allowing you to scale power or runtime based on your current needs.

EcoStruxure Ready

Connect to EcoStruxure™ IT via the embedded network port

3x the battery life

Lithium-ion batteries last 8-10 years (3x VRLA), reducing Total Cost of Ownership.

apc.com/smart-ups-modular-ultra

Life Is On

Schneider
Electric

PRELIMINARY DATA SUBJECT TO VERIFICATION

Smart-UPS Modular Ultra



SKU technical specifications

	Smart-UPS Modular Ultra rackmount, scalable to 5-20kW			
Topology	On-Line			
Output				
Output power capacity	5kVA/5kW, 10kVA/10kW, 15kVA/15kW, 20kVA/20kW			
Nominal output voltage	120V / 208V, 120V / 240V			
Output voltage distortion	0.5% - full linear load			
Output frequency	50Hz / 60Hz $\pm$ 3Hz (Auto Sense), 50Hz / 60Hz $\pm$ 0.1Hz User Selectable, 50Hz / 60Hz $\pm$ 3Hz User Selectable			
Waveform type	Sinewave			
Output connections	Hard wire 4-wire (2P + N + E), Optional User Selectable PDU's			
Efficiency green mode	up to 97%			
Input				
Nominal input voltage	120V / 208V, 120V / 240V			
Input frequency	40Hz - 70Hz Auto-Sensing			
Input connections	Hard wire 4-wire (2P + N + E)			
Input voltage range for main operations	95V - 150V / 165V - 260V			
Batteries and runtime				
Battery type	Lithium-ion			
Runtime (full load/ half load)	visit apc.com for runtime information			
External battery	Yes - connect up to 6 battery frames, each with 4 SRLYBM battery modules			
Communications and management				
Interface port(s)	Ethernet, Universal I/O, Smart Slot, Modbus, EPO, USB Host x 2			
Network management	Network Management Card Embedded			
Display	Multicolor high resolution Capacitive LCD Touchscreen, One-line diagram, On/Off Button			
Physical				
Maximum HxWxD	UPS Frame 9U 390mm (15.4in) x 440mm (17.4in) x 700mm (28in) UPS Frame 9U + Battery Chassis 3U 520mm (20.5in) x 440mm (17.4in) x 740mm (in)			
Net weight	5kW 160lbs (72.5kg)	10kW 202lbs (91.5kg)	15kW 244lbs (110.5kg)	20kW 327.4lbs (148.5kg)
Environmental				
Operating environment	32 – 104 °F (0 – 40 °C)			
Operating elevation	0-10000 feet (0-3000 meters)			
Storage temperature	5 – 113 °F (-15 – 45 °C) short term storage			
Storage relative humidity	0 – 95%, non-condensing			
Storage elevation	0-50000 feet (0-15000 meters)			
Conformance				
Regulatory approvals	UPS: CUL listed UL1778, FCC Part 15 subpart B Class A Battery Pack : CUL recognized UL1973 and IEC 60730, UN38.3, FCC Part 15 subpart B class A, PSE, UKCA			
Standard warranty	5-Year UPS and batteries			

Additional Resources

- [Smart-UPS Modular Ultra](#)
- [EcoStruxure IT](#)

Contact your local APC by Schneider Electric
Authorized Distributor

June 2022

©2022 Schneider Electric. All Rights Reserved. Schneider Electric, APC, Smart-UPS and Life Is On Schneider Electric is a trademark and the property of Schneider Electric SE, its subsidiaries and affiliated companies.