



ENERGY STAR CERTIFIED

# Uninterruptible Power Supplies

## Schneider Electric - APC Smart-UPS Modular Ultra 20kW Scalable to 15kWN+1 Redundant, Tower, 120+208/240V, 18U Rack : SRYL20K20XLT18

### Specifications

|                                                          |                                                                                               |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| ENERGY STAR Unique ID:                                   | 2399889                                                                                       |
| Brand Name:                                              | Schneider Electric                                                                            |
| Model Name:                                              | APC Smart-UPS Modular Ultra 20kW Scalable to 15kWN+1 Redundant, Tower, 120+208/240V, 18U Rack |
| Model Number:                                            | SRYL20K20XLT18                                                                                |
| Power Conversion Mechanism:                              | Static                                                                                        |
| Minimum Configuration Tested Model Number:               | SRYL5K20RMXLT                                                                                 |
| Active Output Power Rating Minimum Configuration (W):    | 5000                                                                                          |
| Apparent Output Power Rating Minimum Configuration (VA): | 5000                                                                                          |
| Maximum Configuration Tested Model Number:               | SRYL20K20RMXLT                                                                                |
| Active Output Power Rating Maximum Configuration (W):    | 20000                                                                                         |
| Topology (ac):                                           | Multi-Mode Double Conversion                                                                  |
| Topology and Product Type Combined:                      | ac - Other                                                                                    |
| Application:                                             | Commercial                                                                                    |
| Rated Input Voltage (V rms):                             | 208-240                                                                                       |
| Rated Input Frequency (Hz):                              | 50-60                                                                                         |
| Rated Output Voltage (V):                                | 208-240                                                                                       |
| Rated Output Frequency (Hz):                             | 50-60                                                                                         |
| Rack Mountable:                                          | No                                                                                            |
| Rack Mount Height (U):                                   | 18                                                                                            |
| Height (mm):                                             | 925                                                                                           |
| Width (mm):                                              | 600                                                                                           |
| Depth (mm):                                              | 900                                                                                           |
| Normal Mode(s) Input Dependency Characteristic (ac):     | Voltage and Frequency Independent,Voltage and Frequency Dependent                             |
| Modular UPS:                                             | Yes                                                                                           |
| Number of Normal Modes:                                  | Multiple-normal-mode                                                                          |
| Default Normal Mode (ac):                                | Voltage and Frequency Independent                                                             |

|                                                                              |       |
|------------------------------------------------------------------------------|-------|
| <b>Test Input Voltage (V rms):</b>                                           | 240   |
| <b>Test Input Frequency (Hz):</b>                                            | 60    |
| <b>Test Output Voltage (V):</b>                                              | 240   |
| <b>Test Output Frequency (Hz):</b>                                           | 60    |
| <b>Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):</b>  | 72.4  |
| <b>Total Input Power in W at 0% Load Min Config Highest Dependency (ac):</b> | 77.6  |
| <b>Efficiency at 25% Load Min Config Lowest Dependency (ac):</b>             | 92.9  |
| <b>Efficiency at 25% Load Min Config Highest Dependency (ac):</b>            | 93.5  |
| <b>Efficiency at 50% Load Min Config Lowest Dependency (ac):</b>             | 94.9  |
| <b>Efficiency at 50% Load Min Config Highest Dependency (ac):</b>            | 96.4  |
| <b>Efficiency at 75% Load Min Config Lowest Dependency (ac):</b>             | 95.1  |
| <b>Efficiency at 75% Load Min Config Highest Dependency (ac):</b>            | 97.4  |
| <b>Efficiency at 100% Load Min Config Lowest Dependency (ac):</b>            | 94.7  |
| <b>Efficiency at 100% Load Min Config Highest Dependency (ac):</b>           | 97.9  |
| <b>Weighted Efficiency Calc Min Config Lowest Dependency:</b>                | 94.9  |
| <b>Weighted Efficiency Calc Min Config Highest Dependency:</b>               | 97.2  |
| <b>Minimum Configuration Input Power Factor Highest-Input Dependency:</b>    | 1.0   |
| <b>Total Input Power in W at 0% Load Max Config Lowest Dependency (ac):</b>  | 194.4 |
| <b>Total Input Power in W at 0% Load Max Config Highest Dependency (ac):</b> | 216.8 |
| <b>Efficiency at 25% Load Max Config Lowest Dependency (ac):</b>             | 94.2  |
| <b>Efficiency at 25% Load Max Config Highest Dependency (ac):</b>            | 95.2  |
| <b>Efficiency at 50% Load Max Config Lowest Dependency (ac):</b>             | 95.4  |
| <b>Efficiency at 50% Load Max Config Highest Dependency (ac):</b>            | 97.2  |
| <b>Efficiency at 75% Load Max Config Lowest Dependency (ac):</b>             | 95.4  |
| <b>Efficiency at 75% Load Max Config Highest Dependency (ac):</b>            | 97.8  |
| <b>Efficiency at 100% Load Max Config Lowest Dependency (ac):</b>            | 94.8  |
| <b>Efficiency at 100% Load Max Config Highest Dependency (ac):</b>           | 98.1  |

|                                                                           |                                                                                                                                                                   |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Weighted Efficiency Calc Max Config Lowest Dependency:</b>             | 95.1                                                                                                                                                              |
| <b>Weighted Efficiency Calc Max Config Highest Dependency:</b>            | 96.9                                                                                                                                                              |
| <b>Maximum Configuration Input Power Factor Lowest-Input Dependency:</b>  | 1.0                                                                                                                                                               |
| <b>Maximum Configuration Input Power Factor Highest-Input Dependency:</b> | 1.0                                                                                                                                                               |
| <b>Efficiency (%):</b>                                                    | 94.9                                                                                                                                                              |
| <b>Modular UPS Module Tested Model Number:</b>                            | SRYL5KPMT                                                                                                                                                         |
| <b>Energy Storage Mechanism:</b>                                          | Battery                                                                                                                                                           |
| <b>Energy Storage System Technology:</b>                                  | Lithium-ion Battery                                                                                                                                               |
| <b>Energy Storage System Configuration:</b>                               | Separate Enclosure                                                                                                                                                |
| <b>Energy Storage System Removable to Another Room:</b>                   | No                                                                                                                                                                |
| <b>Energy Storage System Runtime at 100% Load (min.):</b>                 | 5                                                                                                                                                                 |
| <b>Energy Storage System Runtime at 50% Load (min.):</b>                  | 12                                                                                                                                                                |
| <b>Energy Storage System Warranty (yrs):</b>                              | 5                                                                                                                                                                 |
| <b>Energy Storage System Information URL:</b>                             | <a href="https://www.apc.com/us/en/product/SRYLBM">https://www.apc.com/us/en/product/SRYLBM</a>                                                                   |
| <b>Battery Recycling URL:</b>                                             | <a href="https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp">https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp</a> |
| <b>Network Connections Available:</b>                                     | Serial Port,Ethernet                                                                                                                                              |
| <b>Communication Protocols:</b>                                           | HTTP,HTTPS,Modbus TCPSNMP (v1, 2 or 3),Modbus RTU                                                                                                                 |
| <b>Manufacturer Take Back Program:</b>                                    | Yes                                                                                                                                                               |
| <b>Manufacturer Take Back Program URL:</b>                                | <a href="https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp">https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp</a> |
| <b>Model Web Page URL:</b>                                                | <a href="https://www.apc.com/us/en/product/SRYL20K20XLT18">https://www.apc.com/us/en/product/SRYL20K20XLT18</a>                                                   |
| <b>Test Method Guidelines:</b>                                            | <a href="https://www.apc.com/us/en/who-we-are/sustainability/">https://www.apc.com/us/en/who-we-are/sustainability/</a>                                           |
| <b>Date Available on Market:</b>                                          | 2022-10-03                                                                                                                                                        |
| <b>Date Certified:</b>                                                    | 2022-08-09                                                                                                                                                        |
| <b>Markets:</b>                                                           | United States, Canada                                                                                                                                             |
| <b>ENERGY STAR Certified:</b>                                             | Yes                                                                                                                                                               |

## Additional Model Information

APC Smart-UPS Modular Ultra 20kW Scalable to 15kW N+1 Redundant, Tower, 120+208/240V, 18U Rack Factory Serviced,SRYL20K20XLT18W,; Std Exch APC Smart-UPS Modular Ultra 20kW Scalable to 15kW N+1 Redundant, Tower, 120+208/240V, 18U Rack,SRYL20K20XLT18Q,

|                  |              |
|------------------|--------------|
| <b>UPC Codes</b> | 731304420101 |
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**Captured On:**  
06/18/2025