

# Product data sheet

Specifications

## APC Smart-UPS 700VA RM 2U 120V Black



SU700R2BX120

 **Discontinued on:** Apr 24, 2023

 **Discontinued**


### Overview

Lead time Usually in Stock

### Main

|                        |   |
|------------------------|---|
| Main Input Voltage     | 120 V   |
| Main Output Voltage    | 120 V   |
| Rated power in W       | 450 W   |
| Rated power in VA      | 700 VA  |
| Input Connection Type  | NEMA 5-15P  |
| output connection type | 6 NEMA 5-15R  |
| Number of rack unit    | 2U  |
| Cable length           | 1.8 m   |
| Number of cables       | 1   |
| Battery type           | Lead-acid battery   |
| Provided equipment     | CD with software<br>Rack mounting support rails<br>Smart UPS signalling RS-232 cable<br>User manual |

### Batteries & Runtime

|  |   |
|--|---|
| Extended runtime                       | 0   |
| Number of battery filled slots         | 0   |
| Number of battery free slots           | 0   |
| Battery recharge time                  | 3 h   |
| Number of battery replacement quantity | 1   |
| Battery life                           | 4...6 year(s)   |
| Replacement battery                    | <a href="#">RBC22</a>  |
| Battery charger power                  | 56 W rated  |

### General

|                                     |    |
|-------------------------------------|----|
| Number of power module filled slots | 0  |
| Number of power module free slots   | 0  |
| Redundant                           | No |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                |       |
|----------------|-------|
| Variant option | Black |
|----------------|-------|

## Physical

|                     |               |
|---------------------|---------------|
| Colour              | Black         |
| Height              | 8.89 cm       |
| Width               | 48.26 cm      |
| Depth               | 45.72 cm      |
| net weight          | 21.82 kg      |
| mounting location   | Front         |
| Mounting preference | No preference |
| mounting mode       | Rack-mounted  |
| USB compatible      | No            |

## Input

|                      |                                     |
|----------------------|-------------------------------------|
| Input voltage limits | 75...154 V adjustable<br>82...147 V |
| Network frequency    | 50/60 Hz +/- 3 Hz auto-sensing      |

## Output

|                                  |                  |
|----------------------------------|------------------|
| Maximum configurable power in VA | 700 VA           |
| Maximum configurable power in W  | 450 W            |
| Transfer time                    | 2 ms typical     |
| UPS type                         | Line interactive |

## Conformance

|                             |                     |
|-----------------------------|---------------------|
| Product certifications      | CSA                 |
| Equipment protection policy | Lifetime : \$150000 |

## Environmental

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Acoustic level                        | 42 dBA                            |
| heat dissipation                      | 68 Btu/h                          |
| Operating altitude                    | 0...10000 ft                      |
| Ambient air temperature for operation | 0...40 °C                         |
| Ambient air temperature for storage   | -15...45 °C                       |
| Storage altitude                      | 0.0000000000...15240.0000000000 m |
| Relative humidity                     | 0...95 %                          |
| Storage Relative Humidity             | 0...95 %                          |

## Communications & Management

|                     |  |
|---------------------|--|
| control panel       | LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators |
| Emergency power off | Optional   |
| Free slots          | 1  |

|       |   |
|-------|---|
| Alarm | Alarm when on battery : distinctive low battery alarm : configurable delays |
|-------|---|

## Surge Protection and Filtering

|                   |   |
|-------------------|---|
| Surge energy rate | 480 J   |
| Noise suppression | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping<br>response time : meets UL 1449 |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type of Package 1       | PCE |
| Number of Units in Package 1 | 1   |

## Contractual warranty

|          |  |
|----------|--|
| Warranty | 2 years repair or replace, optional on-site warranties available, optional extended warranties available |
|----------|--|