

# Product data sheet

Specifications



## APC Smart-UPS, Line Interactive, 750VA, Rackmount 1U, 100V, 4x NEMA 5-15R outlets, SmartSlot, AVR, LCD, With rail kit

SMT750RMJ1U

### Overview

|           |                              |
|-----------|------------------------------|
| Lead time | Usually Ships within 2 Weeks |
|-----------|------------------------------|

### Main

|                        |  |
|------------------------|--|
| Main Input Voltage     | 100 V  |
| Other Input Voltage    | 75...119 V   |
| Main Output Voltage    | 100 V AC   |
| Other Output Voltage   | 100 V  |
| Rated power in W       | 525 W  |
| Rated power in VA      | 750 VA   |
| Input Connection Type  | NEMA 5-15P   |
| Output connection type | 4 NEMA 5-15R   |
| Number of rack unit    | 1U   |
| Number of cables       | 1  |
| Battery type           | Internal battery   |
| Provided equipment     | Rack mounting brackets<br>Rack mounting support rails<br>Japanese installation manual<br>USB cable<br>Serial configuration cable |

### General

|                                     |          |
|-------------------------------------|----------|
| Bypass voltage tolerance            | +/- 15 % |
| Max bypass input current            | 7.5 A    |
| Max runtime                         | 5 min    |
| Bypass current protection           | 10 A     |
| Number of power module              | 4        |
| Number of power module filled slots | 0        |
| Number of power module free slots   | 0        |
| Number preinstalled power module    | 4        |
| Redundant                           | No       |

Physical

|                     |                                       |
|---------------------|---------------------------------------|
| Colour              | Black                                 |
| Height              | 43.6 mm                               |
| Width               | 431.8 mm                              |
| Depth               | 661 mm                                |
| Net weight          | 19.5 kg                               |
| Mounting location   | Side                                  |
| Mounting support    | Floor                                 |
| Mounting preference | Upper                                 |
| Mounting mode       | Rack-mounted with kit<br>Rack-mounted |
| Two post mountable  | 1                                     |
| USB compatible      | Yes                                   |
| Mounting position   | Horizontal                            |

Input

|                                 |  |
|---------------------------------|--|
| Maximum input current           | 7.5 A  |
| Input harmonic distortion       | Less than 5 % for full load                          |
| Input protection type           | Circuit breaker                                      |
| Inrush current                  | 400 x In   |
| Load power factor               | From 0.7 leading to 0.5 lagging without any derating |
| Input Power Factor at Full Load | 0.7  |
| Switching current capacity      | 10 A   |
| Plug standard                   | 5-15P  |
| Input voltage limits            | 70...125 V adjustable<br>75...119 V                  |
| Input current                   | 7.5 mA rated   |
| Network frequency               | 50/60 Hz auto sensing                                |


Output

|                                  |  |
|----------------------------------|--|
| Bypass type                      | Built-in bypass  |
| Crest factor                     | 3 : 1  |
| Graph start point                | 10   |
| Harmonic distortion              | Less than 5 % at full load   |
| Maximum configurable power in VA | 750 VA   |
| Output harmonic distortion       | < 2% at 100% linear load and < 5% at 100% non-linear load                                |
| Output overload operation        | 60 seconds at 125% and 30 seconds at 150%  |
| Output voltage tolerance         | +/- 2 %  |
| Transfer time                    | 5 ms typical : 8 ms maximum  |
| UPS type                         | Line interactive   |
| Wave type                        | Sine wave  |
| Efficiency                       | 96 %   |
| Output frequency                 | 47...53 Hz for 50 Hz nominal sync to mains<br>57...63 Hz for 60 Hz nominal sync to mains |

Environmental

|                           |          |
|---------------------------|----------|
| Relative humidity         | 0...95 % |
| Storage Relative Humidity | 0...95 % |

Batteries & Runtime

|                                |  |
|--------------------------------|--|
| Battery voltage                | 24 V   |
| Extended runtime               | 0  |
| Number of battery filled slots | 0  |
| Number of battery free slots   | 0  |
| Battery power in VAH           | 140 VAh runtime  |
| Battery charger power          | 71 W rated   |
| Replacement battery            | <a href="#">RBC34L</a>  |

Communications & Management

|                     |   |
|---------------------|---|
| Alarm               | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm            |
| Emergency power off | Yes<br><br>Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |

Surge Protection and Filtering

|                            |  |
|----------------------------|--|
| Data line protection       | RJ45 10 Base-T Ethernet protection   |
| Let through voltage rating | 5 V  |
| Noise suppression          | Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449 |

Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 19.482 cm |
| Package 1 Width              | 57.277 cm |
| Package 1 Length             | 79.197 cm |
| Package 1 Weight             | 14.969 kg |

Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product                            |
| REACH Regulation           | <a href="#">REACH Declaration</a>                |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>                              |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>    |
| Circularity Profile        | <a href="#">End of Life Information</a>          |

Contractual warranty

|          |         |
|----------|---------|
| Warranty | 2 Years |
|----------|---------|

Recommended replacement(s)