

# Product data sheet

Specifications



## APC Smart-UPS 750VA 120V SHIPBOARD

SMT750X93

### Main

|                        |                   |
|------------------------|-------------------|
| Main Input Voltage     | 120 V             |
| Main Output Voltage    | 120 V             |
| Kw Rating              | 500 W             |
| Rated power in VA      | 750 VA            |
| Input Connection Type  | NEMA 5-15P        |
| Output connection type | 6 NEMA 5-15R      |
| Number of cables       | 1                 |
| Battery Type           | Lead-Acid battery |
| Provided equipment     | User Manual       |

### General

|                        |                |
|------------------------|----------------|
| Product web sub-family | TAA compliance |
| Redundant              | No             |

### Physical

|                     |                        |
|---------------------|------------------------|
| Height              | 6.34 in (161 mm)       |
| Width               | 5.43 in (138 mm)       |
| Depth               | 14.53 in (369 mm)      |
| Net Weight          | 27.56 lb(US) (12.5 kg) |
| Mounting Location   | Front                  |
| Mounting preference | No preference          |
| Mounting Mode       | Not rack-mountable     |
| Two post mountable  | 0                      |
| USB compatible      | Yes                    |

### Input

|                         |                   |
|-------------------------|-------------------|
| Efficiency at full load | 82...144 V 120 V  |
| Input Frequency         | 50/60 Hz +/- 3 Hz |

Output

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| Harmonic distortion              | Less than 5%                                      |
| Maximum configurable power in VA | 750 VA                                            |
| Max Configurable Power (Watts)   | 500 W                                             |
| Transfer Time                    | 6ms typical : 10ms maximum                        |
| Topology                         | Line Interactive                                  |
| Waveform Type                    | Sine wave                                         |
| Full load runtime                | 00:05:00                                          |
| Half load runtime                | 00:15:00                                          |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz for 60 Hz nominal sync to mains |

Conformance

|                        |                    |
|------------------------|--------------------|
| Product Certifications | CSA C22.2 No 107.1 |
| Marking                | UL                 |

Environmental

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Acoustic level                        | 41 dBA                           |
| Heat dissipation                      | 90 Btu/h                         |
| Operating altitude                    | 0...9842.52 ft (0...3000 m)      |
| Ambient Air Temperature for Operation | 32...104 °F (0...40 °C)          |
| Ambient Air Temperature for Storage   | -4...131 °F (-20...55 °C)        |
| Storage altitude                      | 0.00...49212.60 ft (0...15000 m) |
| Relative Humidity                     | 0...95 %                         |
| Storage Relative Humidity             | 0...95 %                         |

Batteries & Runtime

|                              |                 |
|------------------------------|-----------------|
| Extendable Run Time          | 0               |
| Included Battery Modules     | 0               |
| Battery Slots Empty          | 0               |
| Typical recharge time        | 3 h             |
| RBC Quantity                 | 1               |
| Battery life                 | 3...5 year(s)   |
| Battery power in VAh         | 172 VAh runtime |
| Battery Charge Power (Watts) | 15 W rated      |

Communications & Management

|               |                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------|
| Audible Alarm | Alarm on 25 alarm conditions                                                                                             |
| Control panel | LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators |
| Free slots    | 0                                                                                                                        |

Surge Protection and Filtering

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| Surge energy rating | 593 J                                                                                                |
| Filtering           | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m |

Ordering and shipping details

|      |              |
|------|--------------|
| GTIN | 731304433637 |
|------|--------------|

Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 11.85 in (30.1 cm)      |
| Package 1 Width              | 19.65 in (49.9 cm)      |
| Package 1 Length             | 10.94 in (27.8 cm)      |
| Package 1 Weight             | 30.91 lb(US) (14.02 kg) |

Offer Sustainability

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 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>                                                                                                          |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Contractual warranty

|          |                                                                       |
|----------|-----------------------------------------------------------------------|
| Warranty | 3 years repair or replace (excluding battery) and 2 years for battery |
|----------|-----------------------------------------------------------------------|

Recommended replacement(s)