

Product data sheet

Specifications



APC Smart-UPS X, Line Interactive, 2200VA, Rack/tower convertible 2U, 208V-230V, 8x C13+1x C19 IEC, Network card, Extended runtime

SMX2200R2HVNC



Corporate Armor

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Overview

| | |
|---------------------|---|
| Presentation | Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices. |
| Lead time | Usually in Stock |

Main

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|-----------------------------------|---|
| Main Input Voltage | 208 V 230 V |
| Other Input Voltage | 220 V 240 V |
| Main Output Voltage | 208 V 230 V |
| Other Output Voltage | 220 V 240 V |
| Kw Rating | 1980 W |
| Rated power in VA | 2200 VA |
| Input Connection Type | BS1363A British IEC 320 C20 Schuko CEE 7 / EU1-16P |
| Nb of power socket outlets | 8 IEC 320 C13 2 IEC Jumpers 1 IEC 320 C19 |
| Number of rack unit | 2U |
| Cable length | 6 ft (1.83 m) |
| Number of cables | 1 |
| Battery Type | Lead-Acid battery |
| Provided equipment | CD with software Documentation CD Installation guide Network Management Card Rack Mounting support rails Smart UPS signalling RS-232 cable Temperature Probe USB cable |

General

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| Number of power module filled slots | 0 |
| Number of power module free slots | 0 |

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|------------------------|--------------|
| Product web sub-family | Extended run |
| Redundant | No |

Physical

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|---------------------|-------------------------|
| Color | Black |
| Height | 3.35 in (8.5 cm) |
| Width | 17.01 in (43.2 cm) |
| Depth | 26.26 in (66.7 cm) |
| Net Weight | 82.10 lb(US) (37.24 kg) |
| Mounting Location | Front |
| Mounting preference | Lower |
| Mounting Mode | Not rack-mountable |
| Two post mountable | 0 |
| USB compatible | Yes |

Input

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|-------------------------|--------------------------------|
| Efficiency at full load | 140...280 V |
| Input Frequency | 50/60 Hz +/- 3 Hz auto-sensing |

Output

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|----------------------------------|---------------------------------|
| Harmonic distortion | Less than 5% |
| Maximum configurable power in VA | 2200 VA |
| Max Configurable Power (Watts) | 1980 W |
| Transfer Time | 6ms typical : 10ms maximum |
| Topology | Line Interactive |
| Waveform Type | Sine wave |
| Output frequency | 50/60 Hz +/- 3 Hz sync to mains |

Conformance

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|------------------------|--|
| Product Certifications | CE CSA EAC IRAM RCM VDE |
|------------------------|--|

Environmental

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|---------------------------------------|----------------------------------|
| Acoustic level | 55 dBA |
| Heat dissipation | 150 Btu/h |
| Operating altitude | 0...10000 ft |
| Ambient air temperature for operation | 32...104 °F (0...40 °C) |
| Ambient Air Temperature for Storage | 5...113 °F (-15...45 °C) |
| Storage altitude | 0...50000 ft (0.00...15240.00 m) |
| Relative Humidity | 0...95 % |
| Storage Relative Humidity | 0...95 % |

Batteries & Runtime

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|------------------------------|--|
| Extendable Run Time | 1 |
| 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 | 702 VAh runtime |
| Battery Charge Power (Watts) | 233 W rated |
| Battery option | SMX120RMBP2U 1 2106 VAh SMX120RMBP2U 2 3510 VAh SMX120RMBP2U 3 4914 VAh SMX120RMBP2U 4 6318 VAh SMX120RMBP2U 6 9126 VAh SMX120RMBP2U 8 11934 VAh SMX120RMBP2U 10 14742 VAh |

Communications & Management

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|--------------------------------|---|
| Audible Alarm | Alarm when on battery : distinctive low battery alarm : configurable delays |
| Control panel | LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators Multi-function LCD status and control console |
| Emergency Power Off (EPO) | Yes |
| Pre-Installed SmartSlot™ Cards | Network management card 2 with environmental monitoring |

Surge Protection and Filtering

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| Surge energy rating | 645 J |
| Filtering | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m |

Ordering and shipping details

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|---------------------|-------------------------|
| GTIN | 731304327738 |
| Package weight(Lbs) | 99.78 lb(US) (45.26 kg) |

Packing Units

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|------------------------------|---------------------------|
| Package 1 Height | 9.57 in (24.3 cm) |
| Package 1 width | 23.46 in (59.6 cm) |
| Package 1 Length | 34.21 in (86.9 cm) |
| Number of Units in Package 3 | 8 |
| Package 3 Weight | 855.13 lb(US) (387.88 kg) |
| Pallet unit layers | 2 |
| Pallet layers | 4 |

Offer Sustainability

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|---------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |

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|------------------------------------|---|
| Lead free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| Optimized Energy Efficiency | Energy efficient product |
| Take-back | Take-back program available |

Contractual warranty

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