



# APC SMT2200IC Line Interactive Smart-UPS Specifications And Datasheet

[Home](#) » [Support](#) » APC SMT2200IC Line Interactive Smart-UPS Specifications And Datasheet 

## Contents

- [1 APC SMT2200IC Line Interactive Smart-UPS](#)
- [2 Description](#)
- [3 Specifications](#)
- [4 Batteries & Runtime](#)
- [5 Environmental](#)
- [6 Contractual warranty](#)
- [7 FAQs](#)
- [8 Related Posts](#)



**APC SMT2200IC Line Interactive Smart-UPS**



## Description

A strong and dependable uninterruptible power supply (UPS) created to protect vital electronics and equipment from power outages is the APC SMT2200IC Line Interactive Smart-UPS. This UPS has a nominal output voltage of 230V and a power capacity of 1980 watts, providing a long runtime and excellent battery backup. Voltage regulation is provided via its line-interactive design to guard against spikes, sags, and surges.

The LCD interface makes it simple to check the state of the power and make configuration changes. It guarantees compatibility with a wide range of devices, including servers, networking hardware, and workstations, thanks to a sinewave output. For companies and organizations looking for dependable power protection to stop data loss and equipment damage during power outages or fluctuations, the SMT2200IC is a dependable option.

## Specifications

- **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

- **Main Input Voltage:** 230 V
- **Other Input Voltage:** 220 V, 240 V
- **Main Output Voltage:** 230 V
- **Other Output Voltage:** 220 V, 240 V
- **Rated power in W:** 1980 W
- **Rated power in VA:** 2200 VA
- **Input Connection Type:** IEC 320 C20, Schuko CEE 7 / EU1-16P, BS1363A British
- **Output connection type:** 8 IEC 320 C13, 2 IEC Jumpers, 1 IEC 320 C19

- **Number of rack unit:** 0U
- **Number of cables:** 1
- **Battery type:** Lead-acid battery
- **Provided equipment:** USB cable

## Complementary

- **Software package:** SmartConnect software for remote power monitoring (feature availability varies by terms of use)

## Batteries & Runtime

- **Additional information:** Configurable for 220: 230 or 240 nominal output voltage
- **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:** 3...5 year(s)
- **Replacement battery:** RBC55
- **Battery power in VAh:** 783 VAh runtime
- **Battery charger power:** 260 W rated

## General

- **Number of power module filled slots:** 0
- **Number of power module free slots:** 0
- **Product web sub-family:** Cloud-enabled monitoring
- **Redundant:** No
- **Physical color:** Black
- **Height:** 43.5 cm
- **Width:** 19.7 cm
- **Depth:** 54.4 cm
- **Net weight:** 50.2 kg
- **Mounting location:** Front
- **Mounting preference:** No preference
- **Mounting mode:** Not rack-mountable, Two post mountable: 0
- **USB compatible:** Yes

## Input

- **Input voltage limits:** 151...302 V adjustable, 160...286 V
- **Network frequency:** 50/60 Hz +/- 3 Hz auto-sensing

## Output

- **Harmonic distortion:** Less than 5%
- **Maximum configurable power in VA:** 2200 VA
- **Maximum configurable power in W:** 1980 W
- **Transfer time:** 6 ms typical: 10 ms maximum
- **UPS type:** Line interactive
- **Wave type:** Sine wave
- **Output frequency:** 50/60 Hz +/- 3 Hz sync to mains

## Conformance

- **Product certifications:** CE, EAC, RCM, VDE
- **Standards:** EN/IEC 62040-1:2019/A11:2021, EN/IEC 62040-2:2006/AC:2006

## Environmental

- **Acoustic level:** 45 dBA
- **Heat dissipation:** 275 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:** 0.00...15240.00 m
- **Relative humidity:** 0...95%
- **Storage Relative Humidity:** 0...95%

## Communications & Management

- **Control panel:** Multifunction LCD status and control console
- **Emergency power off:** Yes
- **Free slots:** 1
- **Communication port support:** SmartConnect Ethernet port: for cloud monitoring (feature availability varies by terms of use)
- **Alarm:** Alarm when on battery, distinctive low battery alarm, configurable delays

## Surge Protection and Filtering

- **Surge energy rate:** 365 J
- **Noise suppression:** Full-time multi-pole noise filtering, 0.3% 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
- **Package 1 Height:** 69.9 cm
- **Package 1 Width:** 76.2 cm
- **Package 1 Length:** 38.1 cm
- **Package 1 Weight:** 61.9 kg

## Offer Sustainability

- **Sustainable offer status:** Green Premium product
- **REACH Regulation:** REACH Declaration
- **EU RoHS Directive:** Compliant
- EU RoHS Declaration
- **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

- **Warranty:** 3 years repair or replace (excluding battery) and 2 years for the battery, optional on-site warranties available, optional extended warranties available.  
Recommended replacement(s)

## FAQs

What is the APC SMT2200IC Line Interactive Smart-UPS?

The APC SMT2200IC is a line interactive Smart-UPS designed to provide uninterruptible power supply (UPS) to critical equipment. It offers reliable power backup and surge protection.

What is the capacity of the APC SMT2200IC Smart-UPS?

The APC SMT2200IC typically has a capacity of 2200VA/1980W, making it suitable for protecting a variety of equipment from power disruptions.

What does 'line interactive' mean in the context of this UPS?

Line interactive UPS systems like the SMT2200IC regulate the input voltage without switching to battery power under small fluctuations, providing efficient power conditioning.

How many outlets does the SMT2200IC have?

The number of outlets may vary, but the APC SMT2200IC typically has multiple outlets, including both battery backup and surge protection outlets.

Can I monitor and manage the UPS remotely?

Yes, the APC SMT2200IC often includes network management capabilities, allowing you to monitor and manage the UPS remotely using software or web interfaces.

What is the runtime of the UPS when the battery is fully charged?

The runtime of the UPS depends on the load connected to it. At full load, the runtime is typically shorter than at lighter loads. Refer to the product documentation for specific runtime information.

Is the UPS compatible with both Windows and Mac operating systems?

The compatibility of the UPS is typically not OS-dependent. It is compatible with both Windows and Mac computers and other devices.

How long does it take to recharge the UPS battery after a power outage?

The time it takes to recharge the battery depends on the capacity and the amount of power consumed during the outage. It may take several hours to fully recharge the battery.

Is it possible to replace the UPS battery when it reaches the end of its life?

Yes, the battery in the SMT2200IC is typically replaceable. When the battery reaches the end of its life, you can obtain a replacement battery pack and follow the replacement instructions.

Does the UPS provide protection against power surges and spikes?

Yes, the APC SMT2200IC offers surge protection to safeguard connected equipment against power surges, spikes, and other electrical disturbances.

Can I use the UPS to power sensitive electronic equipment like computers and servers?

Yes, the APC SMT2200IC is designed to protect and provide reliable power to sensitive electronic equipment, including computers, servers, and networking devices.

Is the UPS suitable for home and small office use?

Yes, the SMT2200IC is suitable for both home and small office use. It offers protection for critical equipment and provides peace of mind during power outages.

