

Schneider Electric Easy UPS Online

Product Brochure

For IT professionals in small to medium businesses, Easy UPS Online provides basic power protection in unstable power conditions, ensuring consistent and reliable connectivity at the most critical moments.

Schneider Electric Easy UPS Online is a versatile, high-quality, cost-competitive, developed to handle a wide voltage range and variable power conditions, delivering the quality power to millions of IT professionals around the world trust.



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Easy UPS Online Features

True Online Double conversion

Ensures clean, reliable power supply to essential loads from brownouts, line noise, voltage transients and power outages

High Power Factor

More real output power in watts: 0.8 PF

Wide Input Voltage Range

120-285 V wide input voltage range to provide a constant clean, steady sinewave to protected equipment, even without going to battery mode

Generator Compatible

Generator-compatible with a wide Input Frequency range (40Hz–70Hz) ensures clean, uninterrupted power to the loads during power outage

ECO Mode / Green Mode

Achieves 93 percent efficiency, which saves utility and cooling costs without compromising performance or reliability

Environmentally Robust

Conformal coating helps to protect the components from the elements, including moisture, dust and extreme temperatures

Cold Start Capability

Enables user to power up connected equipment's on battery mode when utility power is not available.

2 years warranty

2 years of warranty for electronics and battery provides peace of mind knowing that in an unlikely event of detected failure, your product will be repaired or replaced, minimizing the downtime.

Input Power Factor Correction

Corrects the input current waveform and ensures less current is drawn — including reductions in high-frequency harmonics

Intelligent Battery Management

Maximizes battery performance through intelligent precision temperature compensated charging

USB Port / Serial Port

Provides management of the UPS via USB/serial communication

LCD/LED Display

Intuitive interface provides detailed and accurate information about UPS status with ability to configure locally.

Built-in Automatic Bypass

Ensures seamless power to the load even in the event of UPS internal detected fault or error.

Typical applications

- Small data centers and computer rooms
- Manufacturing facilities
- Telecommunication
- Healthcare IT
- Network Storage Devices

Easy UPS Online Accessories



APVS9601

Integrated with Schneider UPS software, devices with the SNMP Card installed can be monitored and controlled in the LAN.

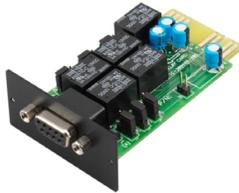
- Provides support for Schneider UPS Network Shutdown.
- Supports using a Dynamic Host Configuration Protocol (DHCP) to provide the network (TCP/IP) values of the NMC



APVS9601

The Modbus card provides UPS systems with the functionality of communication with PCs through MODBUS protocol:

- Implements MODBUS RTU protocol.
- Provides MODBUS functions including read Holding Registers and write Registers.
- Provides RS485 interface



VGLS9901I

The VGLS9901I dry contact card provides dry contact signals for remotely managing the Easy UPS. To meet different application requirement, you set the signal (active open or active close) status on the card by setting jumper.

The card is applicable in the following applications:

- IBM servers, PCs, and workstations equipment.
- Automatic control industry equipment and communications applications

Runtime estimates at various load % (minutes)

| Load % | VA | W | SRVS1KI-AZ |
|--------|------|-----|------------|
| 100 | 1000 | 800 | 4 |
| 75 | 750 | 600 | 6 |
| 50 | 500 | 400 | 11 |
| 25 | 250 | 200 | 24 |

| Load % | VA | W | SRVS3KI-AZ |
|--------|------|------|------------|
| 100 | 3000 | 2400 | 4 |
| 75 | 2250 | 1800 | 7 |
| 50 | 1500 | 1200 | 13 |
| 25 | 750 | 600 | 30 |

Runtime in the table are approximate only. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

Technical Specifications

| | SRVS1KI-AZ | SRVS3KI-AZ |
|--|--|-----------------|
| Power rating (VA/Watt) | 1000VA/800W | 3000VA/2400W |
| Input | | |
| Nominal input voltage | 230V | |
| Input voltage range at full load (half load) | 160 – 280 V (110 - 285 V) | |
| Input frequency | 40-70 Hz auto-selecting | |
| Input connection | IEC 60320 C14 | IEC 60320 C20 |
| Output | | |
| Nominal output voltage | 230 V (220 V, 240 V user selectable) | |
| Output frequency | 50/60 Hz ± 3 Hz (On Mains) 50/60 Hz ± 0.1 Hz (On Battery) | |
| Topology | Double-conversion online | |
| Waveform type | Pure sinewave | |
| Efficiency: Double Conversion mode(Typical) | Upto 88% | |
| Efficiency:ECO mode(Typical) | Upto 93% | |
| Output connections | (3) Australia | (4) Australia |
| Battery and Runtime | | |
| Battery type | Sealed maintenance free valve regulated lead acid battery (leak proof) | |
| Battery charger capacity | 12V 9Ah x 2 | 12V 9Ah x 6 |
| Battery Voltage | 24V | 72V |
| Typical Charge Time | 4 hours to recover 90% of capacity | |
| Runtime at half load(min) | 11 | 13 |
| Runtime at full load(min) | 4 | 4 |
| Communications and management | | |
| Interface ports | Serial RS-232, USB (type B), Intelligent Smart-Slot | |
| Control panel | LED indicators, multi-function LCD, status and display console | |
| Emergency power off (EPO) | - | |
| Physical | | |
| Dimensions W x H x D (mm) | 145 x 223 x 288 | 190 x 336 x 425 |
| Net weight (kg) | 9.3 | 26.8 |
| Color | RAL7010 | |
| Environment | | |
| Operating temperature | 0°C to 40°C | |
| Relative humidity | 0 to 95% non-condensing | |
| Operating elevation | 0 to 1,000m at 100% load | |
| Audible noise at 1m from unit | Less than 50dB | |
| Protection class | IP20 | |
| Conformance | | |
| Regulatory approvals | CE, IEC 62040-1, IEC 62040-2 | |
| Standard warranty | 2 years repair or replace | |

All specifications are subject to change without prior notice. Runtime in the table are approximate only.

All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output

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