

User Manual

UPS 400 VA-3000 VA

Read the instructions carefully before installing, operating or maintaining the UPS.

Safety and General Information

- This UPS is intended only for indoor.
- Inspect the package contents upon receipt. Notify the carrier and dealer if there is any damage.
- Charge the battery for more than 8 hours before using the UPS. The battery charges whenever the UPS is connected to the AC outlet.
- Devices that have motors (such as laser printers, heaters, vacuum cleaners, air conditioner and refrigerator) should not be connected to the UPS outlets. Failure to do can result in overload or UPS damage.
- Press the Power ON/OFF button for 3 seconds to turn on the UPS. LED indicators/LCD display screen will illuminate, the UPS will also emit a beeping sound, then load devices can be turned on at this time.
- Fully charge the battery before storing. Store the UPS covered and upright in a cool, dry location, and recharge the battery every 3 months.
- Be sure the air vents on the UPS are not blocked. Allow adequate space for proper ventilation.

Operation

Front Panel Buttons and Display Interface

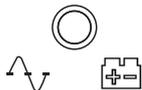
1. Power ON/OFF button

Turn on/off the UPS with LED display: Press the Power ON/OFF button on the front panel

Turn on/off the UPS with LCD display: Press and hold the Power ON/OFF button on the front panel for 3 seconds

2. LED indicators / LCD display screen

- Type A: One LED indicator



Green LED on: The Utility power is normal and UPS is operated normally.

Green LED flashing 1 time every 10 seconds: The Utility power is normal and UPS is in standby mode.

Green LED flashing every 1 second: UPS is in battery mode.

- Type B: Three LED indicators



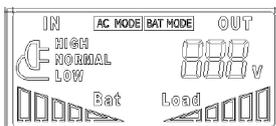
Green LED on: The Utility power is normal and UPS is operated normally.

Yellow LED on: flashes during charging, lights when fully charged.

Red LED on: UPS is in battery mode.

- Type C: LCD display screen

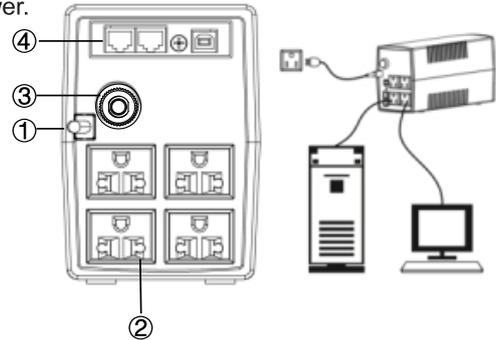
Display information: Mains state / Output voltage / Battery capacity / Load capacity



ARES

Rear Panel

- ① Input power cord / IEC input outlet - connects the unit to utility power.
- ② Output outlets - Connect critical equipment such as computer, monitor, or other data devices into these outlets.
- ③ Fuse / Circuit breaker - provides input protection.
- ④ Communication interface (option) - USB/RS232 communication, RJ45 surge protection



Note: The above pictures are for reference only, please in kind prevail.

Software Download & Installation (Only for the model with communication port)

Please follow steps below to download and install monitoring software :

- 1 . Go to the website <https://arestech.vn/block/download>
- 2 . Click UPSSmartView software icon and then choose your required OS to download the software
- 3 . Follow the on-screen instructions to install the software

Specifications

Model	AR240 400VA	AR265i 650VA	AR280 800VA	AR2120 1200VA	AR2150 1500VA	AR2200 2000VA	AR2300 3000VA
Rated power	240W	390W	480W	720W	900W	1200W	1800W
Input							
Voltage range	100 / 110 / 120 Vac; 80 - 150 Vac; 220 / 230 / 240 Vac; 162 - 295 Vac / 145 - 295 Vac						
Frequency range	50 / 60 Hz (auto-sensing)						
Output							
Output voltage (battery mode)	100 / 110 / 120 Vac \pm 10% or 220 / 230 / 240 Vac \pm 10%						
Output frequency (battery mode)	60 Hz / 50 Hz \pm 1% (auto-sensing)						
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave						
Switching time	8 ms (typical), 10 ms (max.)						
Batteries							
Model & numbers	12V/4.5Ah \times 1	12V/7Ah \times 1	12V/8Ah \times 1	12V/7Ah \times 2	12V/8Ah \times 2	12V/9Ah \times 2	12V9Ah \times 4
Recharge time	6 ~ 8 h						
Others							
Operating temperature	0 - 40°C						
Relative humidity	5 - 90%						