

Offline UPS (Standby UPS) — Key Features

1. Offline UPS stays on standby during normal utility power and switches to battery when power fails.
2. It switches to battery within 4–10 milliseconds during a power outage.
3. Provides 5–20 minutes of backup for computers, routers, CCTV, and small office devices.
4. Protects devices from voltage spikes, surges, and fluctuations.
5. Offers basic voltage regulation; mainly switches under low/high voltage.
6. Lightweight, affordable, and easy to install and maintain.
7. Provides audible alarms for battery mode, low battery, and overload.
8. Includes short-circuit, overload, and battery overcharge protection.
9. Suitable for small loads like PCs, routers, CCTV DVRs, LED TVs.
Not suitable for servers, heavy equipment, or industrial systems.

Summary:

- Switching Time: 4–10 ms
- Voltage Regulation: Basic
- Backup Time: 5–20 minutes
- Best For: Home/office electronics
- Not Suitable For: Servers and heavy machinery