

About Circuit Desk:

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Co-founded in 2016 by two Sri Lankan Electrical and Electronic Engineers for making a home for inventions. Circuit Desk is a place where we bring ideas into reality to provide solutions to the problems you encounter in your day-to-day life and make the world a better place for everyone. Our goal is to provide the best solutions at an affordable price so that everyone can benefit.

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ROUTERBUDDY
UPS චුට්ටා

Mini DC UPS for WiFi Routers & Electronic Devices
RBUC05/RBUC09/RBUC12



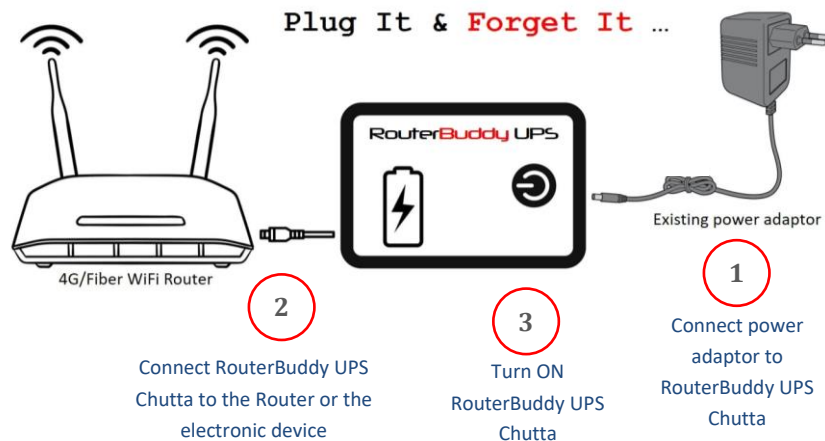
www.circuitdesk.com

Introduction:

Designed and developed for Sri Lankans by Sri Lankan Engineers at Circuit Desk maintaining the highest quality and employing the latest technology. RouterBuddy UPS ඉව්ව is a fully automated 'set and forget' uninterruptible power supply system for 5V/9V/12V low power WiFi routers and other compatible electronic devices which brings you the peace of mind with a truly uninterrupted experience during mains power outages and glitches.

- Switching between mains power and battery power happens within a zero delay so that the load device will not experience any switching effect.
- The output voltage doesn't drop as the battery charge drops, hence the load device receives a constant voltage supply ensuring the maximum performance of the device throughout the battery backup time.

Set up in 3 easy steps:



Important Notes:

- UPS power switch should always be kept turned ON when in use.
- Make sure that the output voltage of the UPS unit matches to the input voltage required for your device.

- Don't connect devices with higher power ratings than the maximum output power supported by the UPS unit.
- If you experience a device restart after fully drained battery, please check your power adaptor to see if it can deliver at least 2A of current. Otherwise, the current from the power adaptor may not be enough to charge batteries while feeding the connected device.
- Battery backup time varies based on the connected router/device and its power consumption. The higher the power consumption, the lower the backup time.

Power Indicator:

Indicator	Status
RED	Power output is available
OFF	Mains power is not available & Battery is fully drained or UPS switch is off

Charging Indicator:

Indicator	Status
BLUE/GREEN	Battery is fully charged
RED/YELLOW	Battery is charging

Specification:

Parameter	RBUC05	RBUC09	RBUC12
Voltage In	5V DC	9V DC	12V DC
Voltage Out	5V DC	9V DC	12V DC
Max Power	7.5W	13.5W	15W
Battery Capacity	16.2Wh, Li-ion		
Input Port	5.5x2.1mm DC female socket / USB-A male plug (only in 5V USB version)		
Output Connector	5.5x2.1mm DC barrel plug / USB-A female socket (only in 5V USB version)		