

# BD1000

**BASUKEY**  
Lithium UPS

The Basukey Lithium UPS BD1000 is a high-quality backup power solution designed to provide reliable and efficient power to your devices and appliances. With a capacity of 1Kva/800W, this UPS can support small to medium-sized loads and provide uninterrupted power in the event of a power outage or voltage fluctuations.

One of the standout features of the Basukey Lithium UPS is its use of lithium-ion batteries, which offer several advantages over traditional lead-acid batteries. Lithium-ion batteries are lighter, more compact, and have a longer lifespan, making them an excellent choice for backup power systems. Additionally, the Basukey Lithium UPS features advanced battery management technology to optimize battery performance and extend their lifespan even further.

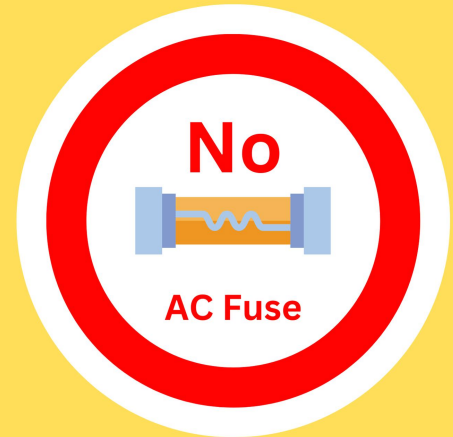
The Basukey Lithium UPS BD1000, 1KVa also features a built-in automatic voltage regulator (AVR) to protect your devices from voltage fluctuations and surges, ensuring a stable and reliable power supply. The UPS also includes a built-in LCD display to provide real-time information on system status, battery levels, and other important metrics.

With its compact design, reliable performance, and advanced battery technology, the Basukey Lithium UPS BD1000 1Kva is the perfect choice for protecting your valuable devices and appliances from power outages and other power-related issues.

# Why You Should Buy Basukey ?

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- India's First Wall Mounting Inbuilt Lithium UPS.
- Battery Fitted Inside The UPS.
- Higher Efficiency.
- Higher Number Of Life Cycles.
- Quick Charging.
- Safe Charging.
- Built in Battery Protection.
- Contamination Free Energy.
- True Capacity Performer.
- Chemical Process Free Product.
- Light Weight ,Sleek In Size.
- Natural Cooling Product.
- Easy & Quick Installation.
- Plug & Play System to Install Any One.
- Zero Maintenance
- 3 Years warranty
- Noiseless Operation In all Loads.
- Effective BMS (Battery Management System) Technology Adopted to our Product.
- More Than 10 Years Battery Life.
- Safer Than Lead Acid Battery.
- Saves 1000 Units of Electricity in 7 years.
- Fast Charging within 5 -6 Hours.
- Sine Wave Output.
- Protects from Low & High Voltage.
- Advanced Lithium Technology used in space to mobile phones.
- Silent Operation in all electrical & Electronic loads.
- Facility for Controlling AC and DC Current with MCB



## Why Lithium Battery is Better Option ?

- **Compact in size.**
- **Light in Weight.**
- **Higher Level Life Cycle.**
- **Quick & Safe Charging.**
- **Higher Level Discharging Rate.**
- **Lower Level Self Discharge rate.**
- **Its Contain Purely Non Toxic Materials.**
- **Its Totally Maintenance Free.**
- **Higher in Efficiency.**
- **Higher level in depth of discharge.**

## Built In Protections

- **Over Charge Protection.**
- **Deep Discharge Protection.**
- **Cell Balancing Each Others Cells Voltage Technology.**
- **Short Circuit Protection in any manner.**
- **Over Current Protection.**
- **Reverse Polarity Protection.**
- **Over Temperature Protection.**

# BD1000 Backup Chart

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| Description                              | Watts     | Backup in Hours |
|--|-----------|-----------------|
| 3LED Bulb ( 20W)+1 Fan (80w)+1 TV (100W) | 240Watts  | 3-4 Hours       |
| 3LED Bulb ( 20W))                        | 60Watts   | 14-15 Hours     |
| 1 Fan (80w)                              | 80Watts   | 10-11 Hours     |
| 1 TV (100W)                              | 100Watts  | 8-9 Hours       |
| 1 LED Monitor PC ( 150W)                 | 150Watts  | 5-6 Hours       |
| General Load                             | 400 Watts | 2-3 Hours       |
| General Load                             | 800Watts  | 1-2 Hours       |

**0** Maintenance

**3** Years Warranty

**10** Years Battery Life

**2500** Battery Life Cycles



# BD1000 Technical Specifications

|                            |   |
|----------------------------|---|
| Model Name                 | BD1000                                  |
| Capacity in VA/Watts       | 1000/800                                |
| Battery Position           | Inbuilt Lithium Battery Pack            |
| Battery DC Volts           | 25.6                                    |
| Mounting Facility          | Wall Mounting /Ground Vertical Mounting |
| AC Input Voltage Range     | 125V-280V $\pm$ 10V                     |
| <b>Mains Mode</b>          |   |
| Output Voltage & Waveform  | Same as Input                           |
| <b>UPS Mode</b>            |   |
| Output Voltage             | 220V $\pm$ 10V                          |
| Output Voltage Frequency   | 50Hz $\pm$ 0.1Hz                        |
| Output Voltage Wave form   | Sinewave                                |
| Change Over/Transfer Time  | Automatic / <15ms                       |
| Battery Charging Current   | 8A $\pm$ 2A                             |
| Battery Charging HVC /LVC  | 27.5VDC / 22.4 VDC                      |
| Weight in Kg               | 19 Kg $\pm$ 500gram                     |
| Dimensions in mm L X B X H | 285 X 175 X 465                         |

# Inbuilt Battery Technical Specifications

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|                              |   |
|------------------------------|---|
| Battery Capacity             | 50 x 2 = 100Ah as per LAB/768Wh         |
| Battery Voltage              | 12.8 x 2 =25.6VDC                       |
| Battery Position             | Inbuilt Lithium Battery Pack            |
| Battery Chemistry            | Life04 Cylidrical Cells                 |
| Mounting Facility            | Wall Mounting /Ground Vertical Mounting |
| AC Input Voltage Range       | 125V-280V $\pm$ 10V                     |
| Continuous Discharge Current | 65Amps                                  |

**Just Fit & Forget**

**No Acid**

**No Distilled Water**

**No Smoking**

