



## ***Battery Life Extender BLEx***

Battery Life Extender is a device that restores capacity to lead-acid batteries, extending their effective lifespan. They are also known as de-sulphators, re-conditioners or pulse conditioning devices.

When batteries are stored in an uncharged state for an extended period, lead-sulphur deposits form and harden on the lead plates inside the battery. This causes what is known as a "sulphated battery", which will no longer charge to its original capacity.

**With one time nominal investment you can get returns years after years and it will also help you reduce tension for frequent battery change and saves environment.**

### ***BLEx – how does it works***

**BLEx** launches a stream of High Voltage pulses into the battery. The condition and chemistry of battery is monitored by the Battery Conditioner and the pulses are modified as per the condition of the battery. These pulses resonate with the Sulphate crystals and help in Replenishing the Sulphuric acid and cleaning of the Lead Plates which results in improved Battery Condition and performance.

### ***BLEx – Area of Applications***

**Battery Life Extender** works on all the Type of **Lead Acid Batteries up to 180AH capacity**. like Deep Cycle Battery, VRLA Battery, AGM Battery, Gel Battery, Maintenance Free Battery.

- Automotive Batteries.
- Solar farm storage systems.
- Back-up system Battery Banks.
- Marine Batteries.
- DC system of electrical substation.
- Telecommunication hubs.
- UPS Battery Banks.
- Truck / Buses Batteries.
- Electrical Cars & Scooters.
- Wind farm storage system.



**Models Available:  
BLEx-12 and BLEx-24**

**Consumption:**

BLEx-12 - 1 Unit per 12V Battery  
BLEx-24 - 1 Unit per 24V Battery

- Home Inverters, Cars will require 1 Unit of BLEx-12
- Buses and large truck will require 1 Unit of BLEx-24,
- E Rickshaw require 2 Units of BLEx-24.

### ***HOW WILL IT***

### ***BENEFITS YOU***

- ✓ *Double or triple the lifespan of your batteries*
- ✓ *Prevents and removes battery sulphation*
- ✓ *Maximizes battery performance*
- ✓ *Saves your hard earned money*
- ✓ *Saves the environment with fewer junked batteries*
- ✓ *Get your money back within the first battery recovery*
- ✓ *Reduces frequency of battery change.*



## ***Automobile Battery Desulphator***

The plates of automotive type batteries are manufactured with high porosity, to maximize the surface area to allow maximum amperage discharge for a short period of time. Sulphation poses a major problem for this type of battery construction. BLEx will help decompose the hard sulphation crystals so your car battery will last for its maximum life with a constant high capacity.

- Truck Battery De sulphator,
- Bus Battery De sulphator,
- Car Battery De sulphator,
- E Rickshaw Battery De sulphator

## ***Batteries in Renewable Energy – Solar & Wind***

For deep cycle batteries used in Renewable Energy, Marine and RV applications, Sulphation build up is a real problem because these batteries are not regularly charged to their full capacity. Conditioning the battery with BLEx makes good sense to maximize the life span of these batteries.

## ***Industrial Batteries – Forklift***

In the case of industrial batteries, such as a forklift batteries, where the recommendation is to perform equalization charges every 4 to 6 cycles, BLEx will help ensure the batteries last their maximum possible lifespan.

## ***Home Invertor***

Batteries used with Inverter for domestic application are deep cycle batteries. These batteries are discharged regularly & deeply, with heavy sulphation. BLEx takes care of sulphation, increasing the life of Batteries 2 to 3 times.

## ***About Manufacturer – Nanak Antenna***

Established in Delhi since 1992 and is a leading manufacturer of CATV, Broadcasting and Power equipment. The company is providing wide range of products under the brand name of "NANAK" those are easy to use, flexible, hi-performance system. **The company is known for the Super Quality.** The company is a winner of the "The Fulham Geissler" Award for Quality in the year 1999. The company has well established in house R&D Laboratory equipped with advance equipment that creates the product more accurate, precise and reliable.



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