

## Battery Water Topping System

**FAST  
SAFE!  
ACCURATE!**

Battery water topping system is an easy and smart way to fill battery water in the battery during battery maintenance. Single Point Multi Feed Water Topping Kit fills water in 30 seconds per battery to each cell of the battery at one time. The kit is easy to install and maintains the exact level of electrolyte in the battery. With this kit, you also maintain equal levels in multiple batteries with kits – Double Battery Kit and Four Battery Kit.

### Advantages of Battery Water Topping Kit

- Saves time - Single Point Multi Cell water topping
- Safely fill batteries without removing vent cover
- Timely maintenance of battery
- Extended battery life
- No chances of Acid Spillage
- Save battery from under-topping and over-topping
- Flame arrestor saves battery from flames and sparks



Battery Water Topping Kit

## Battery Trolley



Big Tubular Trolley

- **X-tra Durable:** Stylish yet sturdy, these are made from long-lasting PPCP plastic.
- **X-tra Convenient:** Easy to install and dismantle the screw-less trolley.
- **X-tra Advantage:** Easy refilling of water in the battery.
- **X-tra Space Saver:** Storage of the inverter/ UPS with the Battery saves space.
- **X-tra Safe:** Prevents all kind of leakage/ spillage from batteries. The trolley also provides good ventilation to the battery.
- **X-tra Ease of Movement:** Smooth wheels enable ease of movement while carrying the bulky battery.

**BAZOOKA™  
SUPER  
TUBULAR BATTERY**



## Applications



HOUSEHOLDS



SOLAR SOLUTIONS



FACTORIES



AGRICULTURE



SMALL SHOPS



SMEs

### The Su-Kam Experience

Su-Kam offers excellent service to its current and prospective clients. It has a vast, pan-India, company-owned service network. It also runs fully-equipped service vans to provide doorstep service.

**Su-Kam**  
*Ek nayi soch*

### Su-Kam Power Systems Limited

Corporate Office: Plot No. 54, Udyog Vihar, Phase VI,  
Sector-37, Gurgaon - 122001, Haryana, INDIA

Tel: +91-124-4170500  
Fax: +91-124-4038700/1/2  
E-mail: info@su-kam.com  
Website: www.su-kam.com

Service & Support: 1800-102-4423  
Sales Enquiry: 1800-102-7555



Note: Indicative values only, actual calculation depends on manufacturer's specification.  
\* CFL - 15W, Ceiling Fan - 3 blades (48mm 100 - 1200 mm sweep), TV - 19-21 inch, Tube light - 40W.  
Applications : Computer, Televisions, Printer, CFL / Bulbs, Tube Light, Fans, Room Cooler, Mixer Grinder etc.

www.su-kam.com

**Su-Kam**  
*Ek nayi soch*

**BAZOOKA™  
SUPER  
TUBULAR BATTERY**



**SPT 150**  
12V - 150Ah @ C20



**24\***  
Months  
Warranty

\*Conditions apply

**Super Battery  
Super Power  
Super Backup**

Your inverter needs a powerful support that can harness its true potential to the fullest. This support comes from its battery. Without the right battery, even the best of inverters can fail.

Giving a battery its due importance, Su-Kam has come up with Bazooka Super - a battery that is super strong and super efficient.

Copyright © 2015 Su-Kam all rights reserved.  
08/15/BAZOOKASUPERBATTERY/B01



## State-of-the-art manufacturing facilities

Su-Kam's expertise in manufacturing innovative power back-up systems with its focus on R&D, has resulted in wide range of products like inverters, batteries, solar products etc.

Su-Kam has 7 state-of-the-art manufacturing facilities in Baddi, Himachal Pradesh, Nepal and Gurgaon:



Battery Manufacturing Facility at Katha, Baddi



Tubular Battery Manufacturing Facility at Baddi

## Advanced Research & Development Unit

Su-Kam, the first in the industry to invest in and institute an exclusive R&D unit, at par with international standards, with a team of industry experts.



## Dedication to superior quality

Su-Kam has remained uncompromising on the high quality of its products. With stringent quality parameters and testing, it is at par with international standards.

## The company has implemented Total Quality Management (TQM) practices

Most of our products have received Test Certifications from reputed laboratories like ERTL (A Government of India organisation).



### Faster Charging

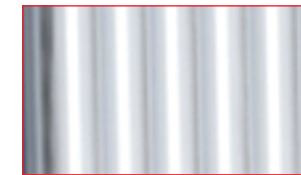
**Quick charging makes it an excellent choice for areas with frequent power cuts.**

**Higher number of spines** – Plates with advanced grid design of more spines increases the plate surface area, leading to fast charge acceptability. Thus reduces charging time.



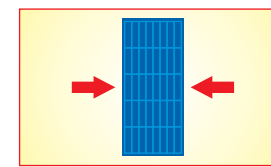
### Better Efficiency

**Advanced gauntlet design** – provides easy movement of electrolyte, providing low internal resistance.

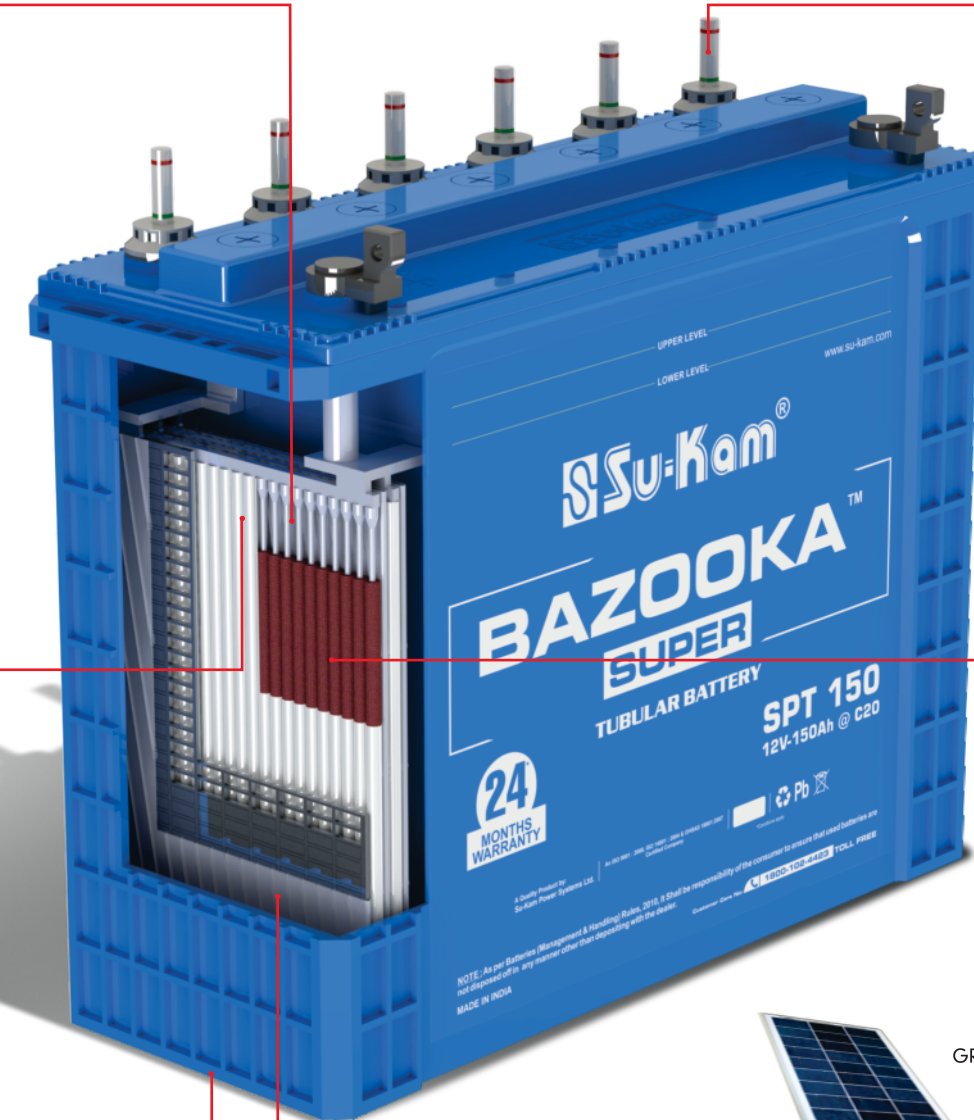


### Low Footprint

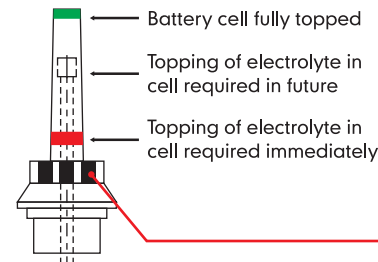
**Saves space** – The container of the battery is designed with a lesser base to occupy less space, saving on costly floor space.



## What makes Bazooka Super a super product



### Easy Maintenance



**Electrolyte level indicator** – To show the level of electrolyte in each cell, for easy maintenance.

### Risk-free

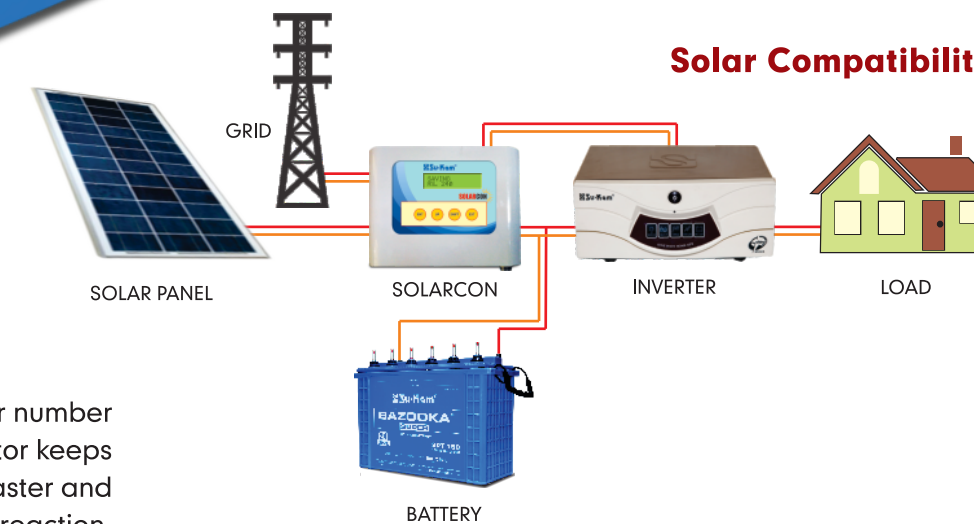
**Effective flame arrester** – To ensure complete safety, preventing any flame or spark entering the battery to cause an explosion.

**Keeps environment clean** – Also reduces the release of gasses into the atmosphere, maintaining a clean environment.

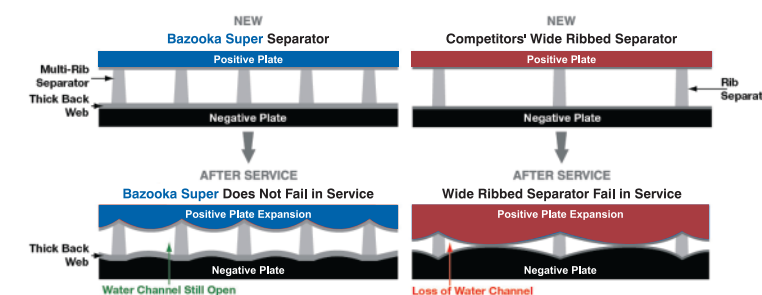
### Actual Deep Cycle Battery

The plates are formed by HADI machine at 150 bar pressure, providing strong plates giving high cycle count and preventing the battery from going in deep discharge.

### Solar Compatibility



**Higher diagonal ribs** – Higher number of diagonal ribs on the separator keeps the acid channel open for faster and better electrochemical reaction.



## Load Chart

Load	Inverter UPS VA Rating	No. of Batteries	150Ah Backup
1 Tubelight + 3 Fan + 1 TV + 4 CFL	650 VA	1 No.	3h to 4h
2 Tubelight + 2 Fan + 1 PC + 3 CFL	650 VA	1 No.	3h to 4h
2 Tubelight + 4 Fan + 1 PC + 3 CFL	850 VA	1 No.	2h 30m to 3h 30m
2 Tubelight + 4 Fan + 1 TV + 4 CFL	850 VA	1 No.	2h 30m to 3h 30m
7 Tubelight + 7 Fan + 1 TV	1500 VA	2 No.(S)	2h 30m to 3h
5 Tubelight + 7 Fan + 1 PC + 7 CFL	1500 VA	2 No.(S)	2h 30m to 3h

Backup time evaluated under standard test conditions

## Specifications

Battery Name	Model	Ah Capacity	Dimensions (±3mm)		
			Length	Width	Height
Bazoooka Super-150	SPT 150	150Ah	503	193	412

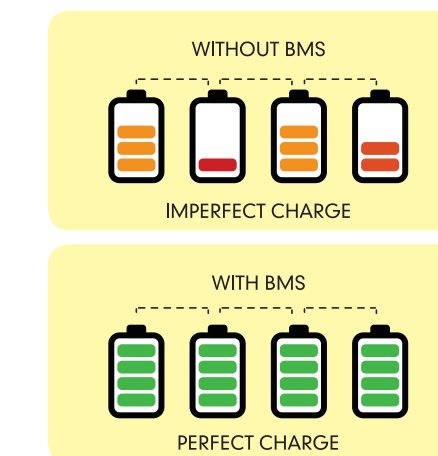
## Battery Management System

The battery management system (BMS) is unique system that equalizes two or more batteries in a battery bank connected in series.

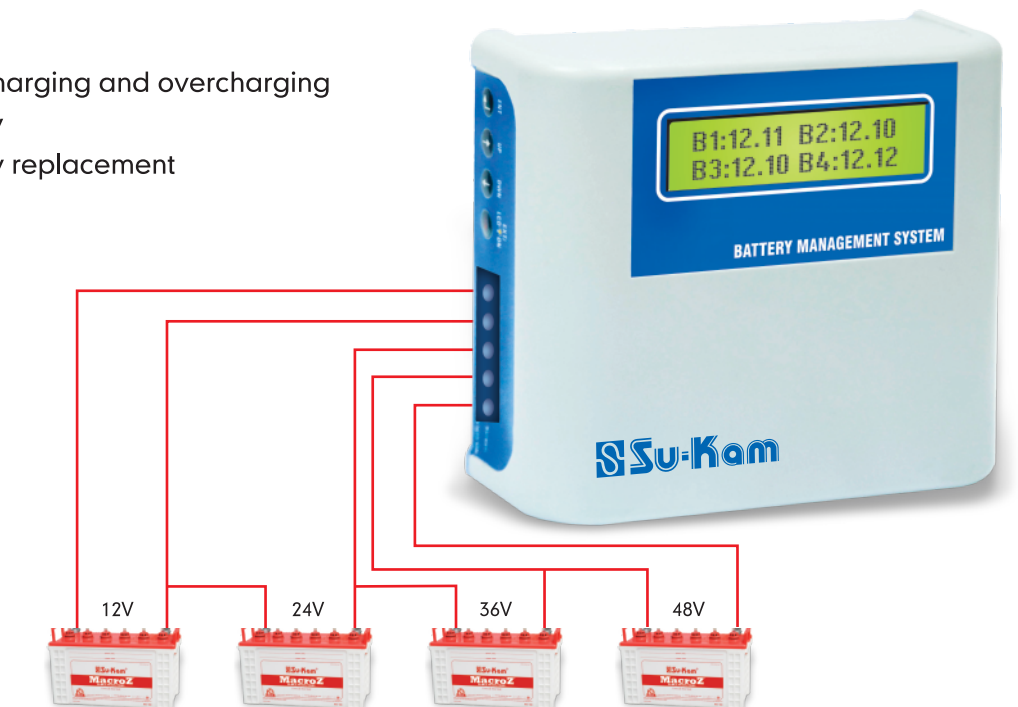
In a multiple battery system, batteries have slight difference in voltages in different batteries due to production tolerances or operating conditions. This difference tends to be magnified with each charge / discharge cycle. This causes random overcharging and undercharging which leads to weakening of the battery at low voltage, until they eventually fail causing premature failure of the battery. On the other hand the stronger batteries tend to get over charged.

### Advantages of BMS

- Balances the battery voltage
- Protects the battery from undercharging and overcharging
- Extends battery life and capacity
- Reduces the frequency of battery replacement



In multi battery chains, it balances the voltage and ensures equal voltage in all.



Certified  
ISO 9001:2008  
ISO 14001:2004