



# INCREASE BATTERY LIFE USING WITH SU-MAK'S REVOLUTIONARY BATTERY MANAGEMENT SYSTEM



INCREASES THE BACKUP TIME OF  
YOUR INVERTER/UPS BY

**5-30%\***

## A must for every battery bank 2 or more batteries



EXTENDS  
BATTERY LIFE



REDUCE BATTERY  
REPLACEMENT



SAVE ELECTRICITY



SAVE MONEY



SAVES FROM OVER OR  
UNDER CHARGE

### Suitable For New & Old Systems

- Easy-to-install
- LCD display for easy viewing of equalized voltage of batteries
- Built on Micro-controller based AET Technology (Active Equalization Technique)
- Reduces frequency of battery water topping, thus, saving maintenance cost.

[www.sumaksolar.com](http://www.sumaksolar.com)



\*depends on state of health of batteries.

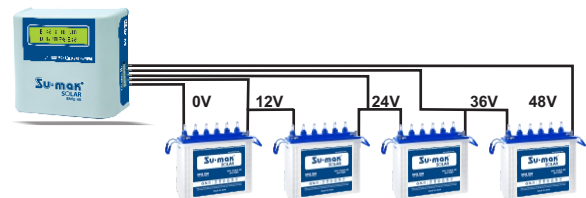
# WHY BATTERY MANAGEMENT SYSTEM (BMS)?



## WITHOUT BATTERY EQUALIZER



## WITH BATTERY EQUALIZER



## APPLICATIONS



Solar Systems



Automotive Industries



Battery Bank



Electronic vehicles



Telecom Industry

## EQUALIZER SPECIFICATIONS

Nominal Battery Voltage

Maximum Equalization Current

Current Limit

Quiescent Current Draw

Operating Temperature

Storage Temperature

Safety

Dimensions

Weight

Patents

### BEQ48

12V

4A

< Max Equalization Current

< 25mA @ 48V DC (1.2W)v

-5°C ~ +50°C

-5°C ~ +85°C

Reverse Polarity Protection (through fuse)

114mm x 135mm x 53mm

0.5 Kg

Patents Filed



Marketed By.: Su-mak Power Systems Pvt. Ltd.

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