



E-MMORTAL AUTOMOTIVES



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

**WELCOME TO THE  
WORLD OF BATTERIES**

## ABOUT US

**E-mmortal Automotives a DPIIT recognized startup is one of the most prominent and progressive units among the list of Electric Vehicle Developers in India.**

Energy storage needs are unique to each application. Our adaptive ability produces bespoke batteries ranging from 3.2V to 96V to empower ever booming India's economy.

We provide a wide range of customized solutions for Lithium batteries, battery packs for electric vehicles like eScooter battery, eCycle battery and more, solar lighting and energy storage, medical and other devices. Our Lithium solutions are based on NMC, LFP, LTO chemistries providing energy up to 5 KWh & extendable for a plethora of applications.

Accredited with ISO 9001:2015 (IAF and IAS standard), we at EMMORTAL AUTOMOTIVES are dedicated towards upgrading the quality of the products to National and International standard.



## OUR VISION

E-mmortal Automotives is the next-gen mobility company, created for the sustainable, clean and affordable transportation. Merging cost with comfort. E-mmortal Automotives will enhance the way to commute and connect the city comfortably and affordably, drafting the future for generations to come.

We believe a clean, healthy and sustainable world will take shape when thoughts and actions of more and more people are focused on consistent, sustainable and affordable renewable energies solutions.



## OUR MISSION

Foster culture of respect and empowerment for individuals to catalyse a resolve to lead the market in business, customer satisfaction and going beyond.

We focus on research, innovation, and long-term partnerships and cooperation. We aim to nurture small and medium scale engineering ventures through our collaborations with national and international partnerships.





## WHY US ?

### WE DEAL IN LITHIUM

- COMPACT
- LIGHT WEIGHT
- MORE LIFE CYCLES
- QUICK CHARGING
- NON TOXIC
- HIGH EFFICIENCY
- MAINTENANCE FREE
- HIGH DISCHARGE RATE
- LOW SELF DISCHARGE
- CUSTOMIZABLE DIMENSION
- HIGH DEPTH OF DISCHARGE
- NO MEMORY EFFECT

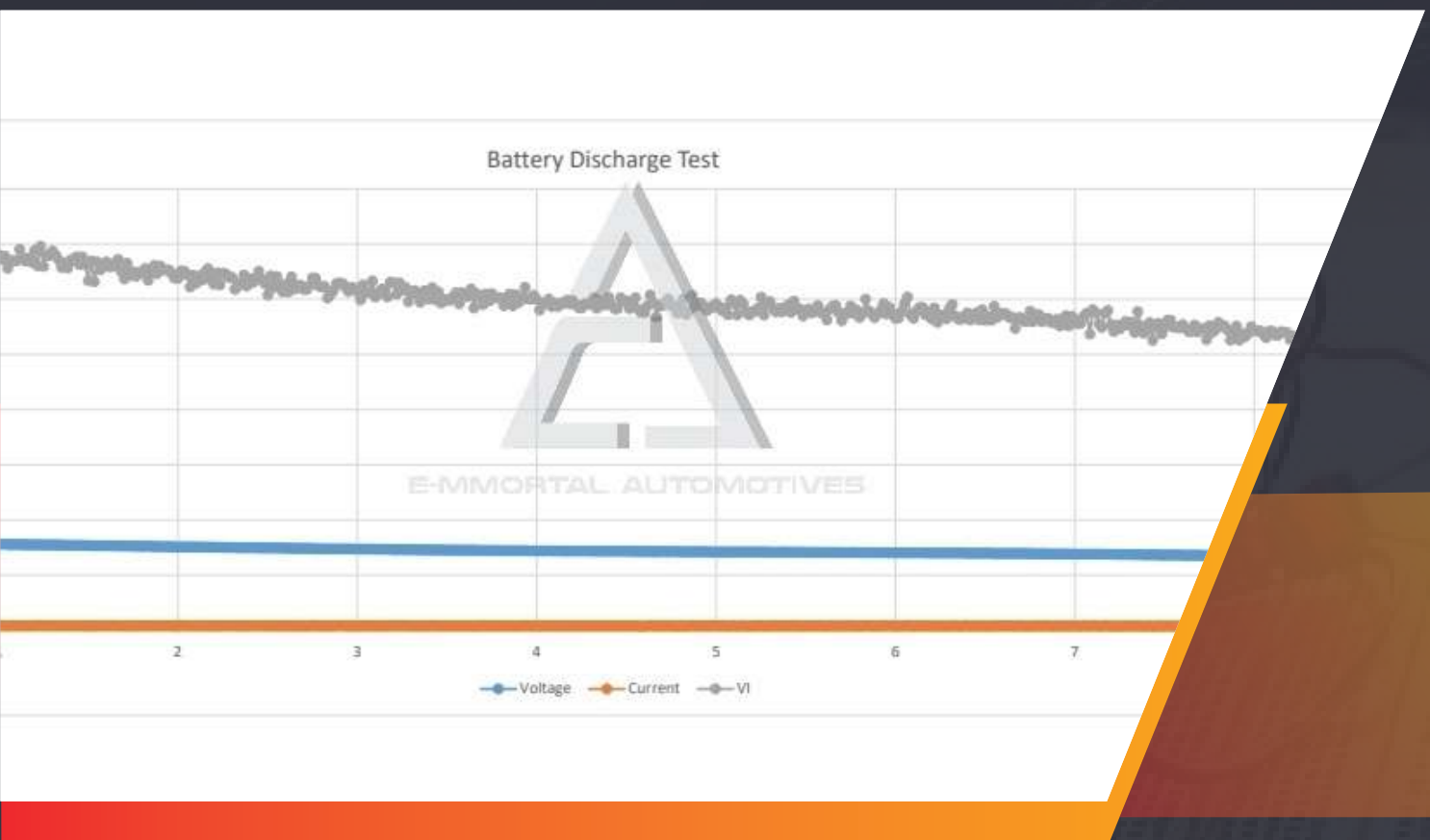
### WE PROVIDE BUILT-IN PROTECTIONS

- OVER CHARGE PROTECTION
- DEEP DISCHARGE PROTECTION
- CELL BALANCING
- SHORT CIRCUIT PROTECTION
- OVER CURRENT PROTECTION
- REVERSE POLARITY PROTECTION
- OVER TEMPERATURE PROTECTION



## TESTING BEFORE DELIVERING

#TestingBeforeDelivering is not the point, point is about our responsibility... because we deliver Pride, Precision and Perfect Product.



# LITHIUM APPLICATIONS



Electric 2 wheeler



Electric Auto



Electric Car



Solar Lighting



Electric Stateboard  
Wheelchair



Electric Agricultural  
Equipments



Energy Storage  
Systems(ESS)



Point Of Sales  
Products



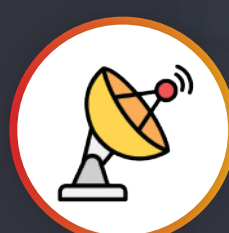
Emergency Lights



Medical Devices



Defence Products



Telecom

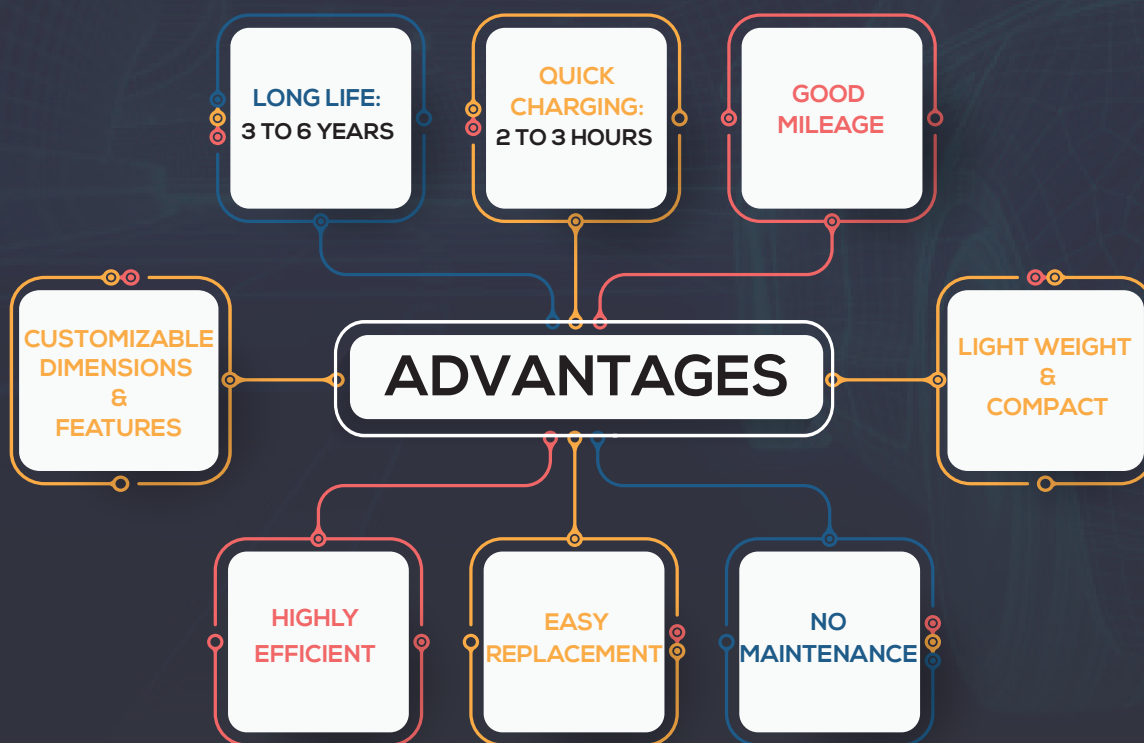
# PRODUCTS

## ELECTRIC VEHICLE (EV) BATTERIES

Emmortal Automotives provide a wide range of customized solutions for Lithium batteries, battery packs for electric vehicles like e-cycles, e-scooters, e-bikes, e-autos, golf carts, forklifts, skateboards, hover board, electric wheelchairs etc.

Li-Ion battery pack is assembled with A Grade 3C cell having more than 1000 life cycles. We are using best class active balancing BMS which protect battery pack from Over-Charge, Deep-Discharge, Over Heating and Over Current.

Emmortal caters widest EV Manufacturers, EV Dealers, EV Showrooms and EV Solution Providers across pan India.



### Available Voltage Range:

Lithium Ion : 37V, 48.1V, 59.2V, 74V

LiFePo4 : 48V, 60.8V, 73.6V

### Available Ah Range:

Lithium Ion : All Ah Multiple of 2.5Ah, 2.55Ah, 2.6Ah, 2.9Ah, 3Ah; From 5Ah to 200Ah

LiFePo4 : All Multiple of 6Ah; From 6Ah to 200Ah

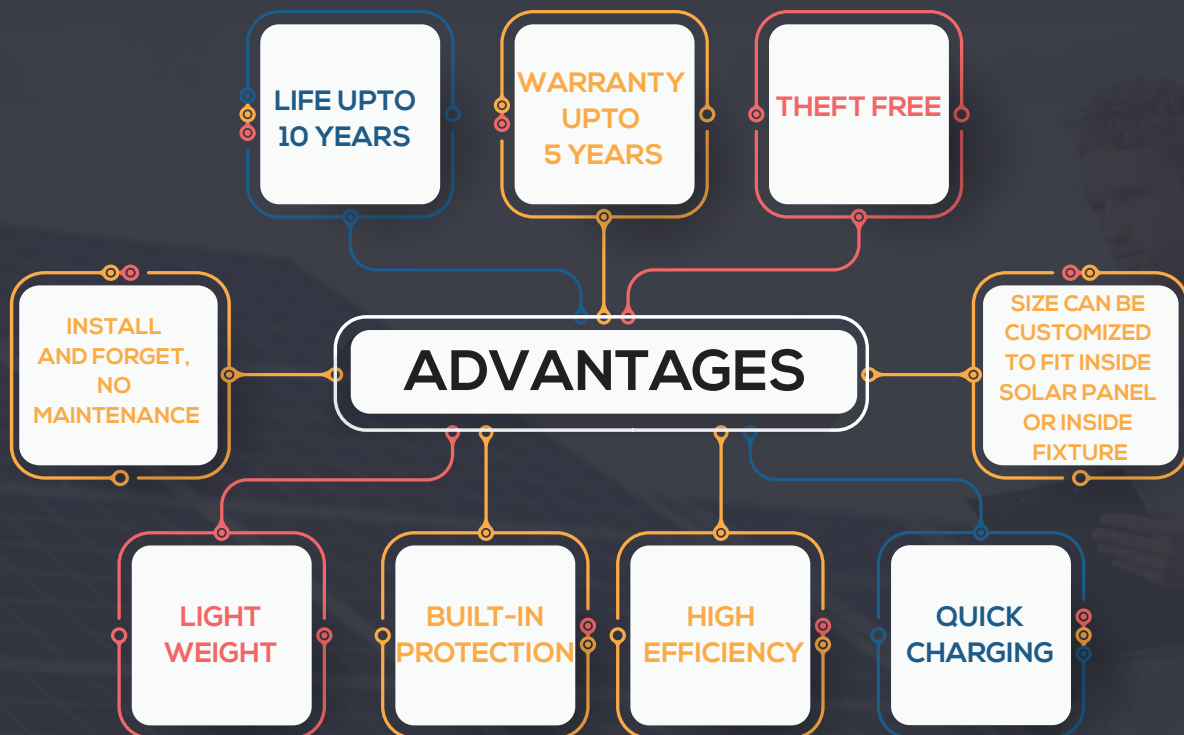
**Available Chemistries:** Lithium Ion, LiFePo4



## SOLAR LITHIUM BATTERIES

Emmortal Lithium Batteries are extensively used in various Solar lightning application such as – Solar Street Light system, High Mast Lights, Emergency Lights, Garden Lights, All in one Lights, Outdoor Lights, Insect killer Lights, etc.

Our Solar Street Light is designed, developed and manufactured in India. It is assembled with High quality MPPT charge controller and best class Li-Ion battery

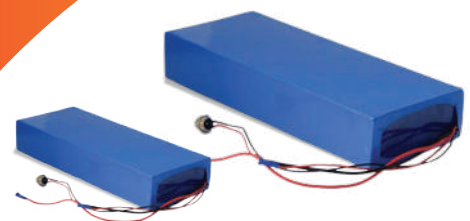


**Chemistry :** Lithium Ion, LiFePo4

**Voltage Range :** 11.1V, 12.8V, 14.8V, 25.9V, 25.6V

**Packing Type :** Soft pack or with IP65 enclosure

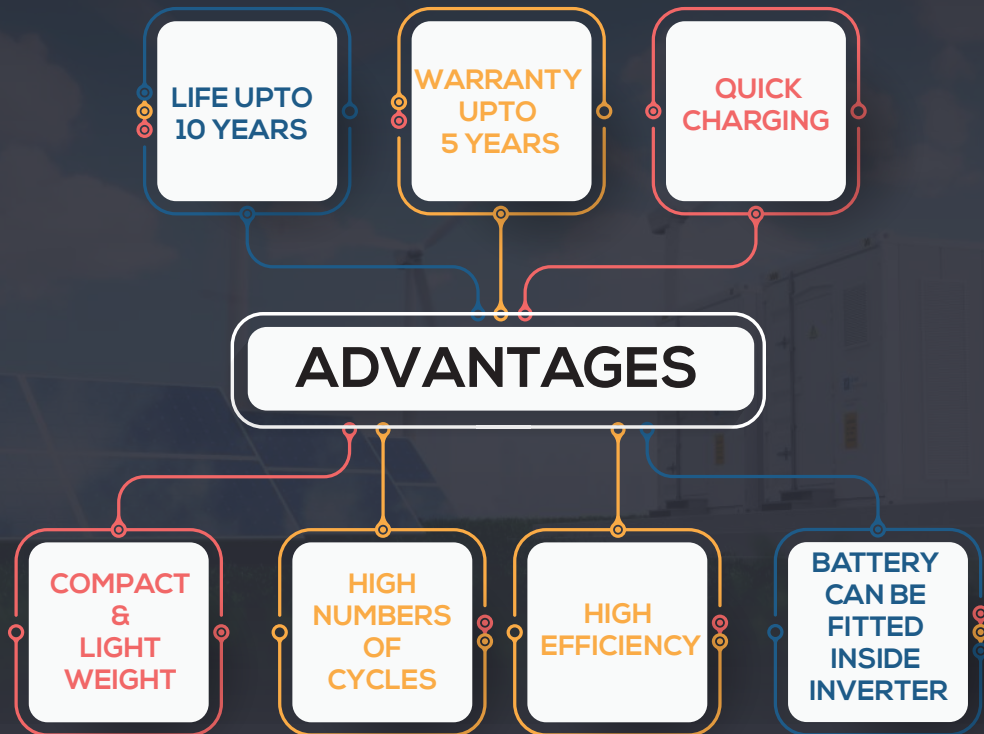
**Ah Range :** Lithium Ion all Ah multiple of 6Ah and multiple of 10Ah





## POWERBACKUP – ESS (ENERGY STORAGE SYSTEMS)

Immortal Lithium Batteries are used in storage for both renewable and conventional source of energy. Major applications include – Solar Power plant, On-grid and off-grid Inverter, UPS, Solar Power packs, etc.



## MEDICAL EQUIPMENT LITHIUM BATTERIES

Lithium Batteries has been a boon for medical device manufacturers due to its reduced size & weight, reduced power consumption, long reliability to create more portable & convenient products. Medical equipment such as Surgical Instruments, Patient Monitoring Device, ECG, EEG etc.



## DRONE LITHIUM BATTERY

E-mortal manufacture customized high discharge battery for drone application. This battery pack is made up of best quality high discharge cells & BMS circuit. It is in size small and weight compared to Ni-Cd, Ni-MH, & Lead Acid Batteries. With the inbuilt Charge protection circuit, the battery pack can be directly charged without worrying about overcharging.



## ROBOTICS

E-mortal Lithium batteries are used in many robotic application such as, Industrial robots, Restaurant Serving Robots, Solar panel clearing robots, Educational Robots, Automation Robots, Underwater Robots, Surveillance Robots etc. Long back up time.



## DEFENCE, TELECOM AND RAILWAYS

E-mortal customized batteries are proven in high end application such as Defense. Telecom products, Telecom Towers. Railway systems etc. These batteries are of high quality & customized.



## PORTABLES DEVICES

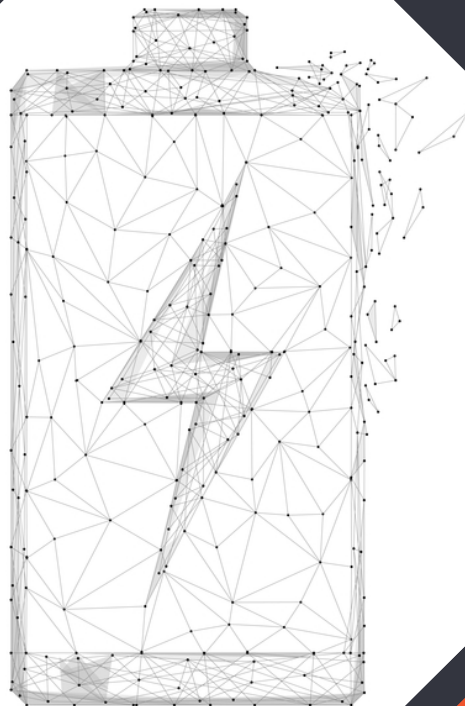
E-mortal Lithium Battery widely used in portable devices such as Hand Held Terminal(HHT)s. Ticketing Systems, Thermal Printers, Portable electronic gadgets, GPS devices, Kiosk, Mobile power bank, alcohol detection device for police, PDS devices etc. 7.4V batteries are majorly used for these application.



# CERTIFICATE



# THANK YOU



## GET IN TOUCH

CONNECT US



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