

# Lithium Battery MDL / MDF Series

(For Portable Devices, Medical & Consumer Electronics)



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## Lithium Battery for

Portable Devices, Medical &  
Consumer Electronics



True Capacity  
In Built PCM  
Long Operating Life  
Plug & Play  
Efficiency > 95%  
Low Self Discharge  
High Energy Density

Future Hi-Tech Batteries Pvt. Ltd.  
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- Long Operating Life
- True Capacity
- Maintenance Free
- Light Weight

Designed with precision for efficiency to deliver true capacity these battery packs provide back up for both DC & AC portable devices.

Some standard, popular and MNRE recommended battery packs are mentioned as follows, where as we offer unimaginable huge range for each and every requirement, thus highly customized options available.

### SALIENT FEATURES

- Efficient battery with true capacity
- Built-in PCM for protection
- No maintenance required
- Customizable shape and sizes
- Light in weight, long in life

### TECHNICAL SPECIFICATIONS

| S.No | Models | Chemistry | Energy (Wh) | Description    | Life Cycle (Nos) | Weight (gms) | Size (mm) | Applications                   |
|------|--------|-----------|-------------|----------------|------------------|--------------|-----------|--------------------------------|
| 1    | LR133  | NMC       | 7           | 3.7v 2000 mAh  | 500              | 50           | 19*19*70  | Solar / AC<br>Portable Devices |
| 2    | LR006  | NMC       | 10          | 3.7v 2600 mAh  |                  | 50           | 19*19*70  |                                |
| 3    | LR333  | NMC       | 15          | 7.4v 2000 mAh  |                  | 100          | 40*20*72  |                                |
| 4    | LR014  | NMC       | 19          | 7.4v 2600 mAh  |                  | 100          | 40*20*72  |                                |
| 5    | LR338  | NMC       | 22          | 11.1v 2000 mAh |                  | 200          | 60*20*72  |                                |
| 6    | LR069  | NMC       | 29          | 11.1v 2600 mAh |                  | 200          | 60*20*72  |                                |
| 7    | LR339  | NMC       | 30          | 14.8v 2000 mAh |                  | 250          | 78*20*72  |                                |
| 8    | LR035  | NMC       | 38          | 14.8v 2600 mAh |                  | 250          | 78*20*72  |                                |
| 9    | FR112  | LFP       | 6           | 3.2v 2000 mAh  | 2000             | 70           | 23*23*70  | Solar Lantern                  |
| 10   | FR113  | LFP       | 13          | 3.2v 4200 mAh  | 1500-2000        | 140          | 45*24*70  | Solar / AC<br>Portable Devices |
| 11   | FR006  | LFP       | 19          | 6.4v 3000 mAh  |                  | 200          | 55*28*70  |                                |
| 12   | FR177  | LFP       | 77          | 12.8v 6000 mAh |                  | 640          | 160*80*38 |                                |



### PROTECTION

- Reverse polarity
- Short circuit
- Over voltage & current
- Cut-off charge & discharge release



The future lies with  
**Future Hi-Tech**

We are certified for the essential parameters of the industry which includes:

ISO 9001 | ISO 14001 | ISO 18001 | RoHS | CE | FCC

Further we are empanelled with following agencies:

DRDO-SASE | BEL | COD  
& many more

**MNRE Channel Partner**

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