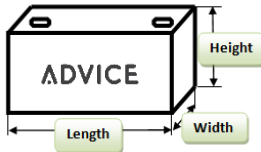


| Dimension (with case) | |
|-----------------------|-------|
| Length | 150mm |
| Width | 65mm |
| Height | 94mm |
| Weight | 1.3kg |



| Electrical Specification | | Mechanical Specification | |
|--------------------------|-------------|--------------------------|---------------------|
| Nominal voltage | 12V (12,8V) | Terminal type | 6.35x0.8mm |
| Nominal capacity | 7.6Ah | Case material | Metal Case |
| Energy | 97Wh | Cell type | Prismatic |
| Impedance (1kHz) | ≤50mΩ | Cell quality | A grade cells |
| Self discharge | <3% / month | Cell technology | LiFePO ₄ |

| Charge Specifications | | Discharge Specification | |
|--------------------------|------------|-------------------------|----------|
| Recommend charge current | 3A | Max. cont. discharge | 12A |
| Max. charge current | 6A | Peak discharge current | 15A |
| Charge Voltage | 13.8-14.0V | BMS discharge cut off | 9.4V±0.2 |
| Charge mode | CC/CV | Recommendation cut-off | 11V |

| Temperature Specifications | | Features | |
|----------------------------|-------------|----------------------|------------------|
| Discharge temperature | -20 to 60°C | Cycle life (80% DOD) | >2000 times |
| Charge temperature | 0 - 45°C | Built-in Protection | Over charging |
| Storage temperature | -20 to 40°C | | Over discharging |
| Cut off temperature | 75-80°C | | Short circuit |
| Relative Humidity | 60±25% | | Temp prot. |

| Other customize service & Benefits | |
|------------------------------------|---|
| Light weight | Dry power lithium batteries has higher energy density wh/kg also being up to 1/3 of SLA battery |
| Suitable applications | Lithium Iron Phosphate can be used in any application that would normally use Lead Acid, GEL or AGM type batteries |
| | Suitable applications included caravan, marine, golf carts, solar storage, remote monitoring, UPS switching applications. |

| Cautions | |
|--|--|
| Do NOT expose the battery to fire & high temperature. Do NOT short circuit, crush or disassemble. The storage area should be clean, cool, dry and ventilated. Do NOT expose the battery to water. Never connect the positive and negative of battery with metal. | |
| Do not connect batteries in series and in parallel. Store at 50% capacity, recharge every 3 months. Use only LiFePO ₄ charger. Never upside down the positive and negative. | |

This information is for technical reference only and should not be used as a basis for product guarantee or warranty.