

## MODEL 2.5 AH - S

- **High Energy: 2.5x more**
- **Superior Life: up to 10 years**
- **Light weight: 1/3 of Lead Acid**
- **Faster charging: 30 to 45 min.**
- **Battery Management System: integrated**
- **Very low self discharge:  $\leq 2\%$**
- **High intrinsic safety: LiFePo4**



### Technical Data: LPB-S 2.5 Ah

|                       |                             |
|-----------------------|-----------------------------|
| Dimensions (wxhxd)    | 114x80x40 mm                |
| Nominal capacity      | 2,500 mAh                   |
| Nominal voltage       | 13.2 V                      |
| Standard charging     | 7.5 A to 14.4 CCCV, 45 min. |
| Fast charging         | 20 A to 14.4 CC, 15 min.    |
| Max. Puls-Discharge   | 120 A                       |
| Voltage               | 14.4 V to 8 V               |
| Internal resistance   | $\leq 110 \text{ m}\Omega$  |
| Operating temperature | -30°C to +85°C              |
| Storage temperature   | -40°C to + 100°C            |
| Battery weight        | ~ 500 g                     |

**Technical Data BMS:**

| Features Model 2.5 Ah          |             |
|--------------------------------|-------------|
| Discharge current peak         | 120A@500ms  |
| Discharge current average      | 90A@2,000ms |
| Open circuit voltage           | 13.7 V      |
| Over discharge voltage         | 8.0 V@10s   |
| Over discharge release voltage | 13.6 V      |
| Test conditions                | 26° C       |

