

MODEL 5.5 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 5.5 Ah

Dimensions (wxhxd)	99 x 82 x 95 mm
Nominal capacity	5,500 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	400 A
Voltage	14.4 V bis 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	~ 1,000 g

Technical Data BMS:

Features Model 5.5 Ah	
Discharge current peak	400A@500ms
Discharge current average	200A@2,000ms
Open circuit voltage	13.7 V
Over discharge voltage	9.2 V@10s
Over discharge release voltage	12.0 V
Test conditions	26° C

