

MODEL 18 AH - S

- **Higher Energy: 2.5x more**
- **Superior Lifetime: 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 18 Ah

Dimensions (wxhxd)	181 x 74 x 174 mm
Nominal capacity	18,000 mAh
Nominal voltage	13.2 V
Standard charging	7.5 A to 14.4 CCCV, 45 min.
Fast charging	40 A to 14.4 CC, 15 min.
Max. Puls-Discharge	600 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	~ 3,600 g

Technical Data BMS:

Features Model 18 Ah	
Discharge current peak	600A@500ms
Discharge current average	300A@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

