



The sealed lead acid batteries SAK7, SAK12 and SAK17 are used to buffer the EIB system voltage in combination with the Uninterruptible EIB Power Supply. A maximum of two sealed lead acid batteries can be connected in parallel to the Uninterruptible EIB Power Supply. In this case, two identical sealed lead acid batteries must be used.

When connecting a sealed lead acid battery to the Uninterruptible EIB Power Supply, the Cable Set Basic KS/K 4.1 must be used. When connecting two sealed lead acid batteries, the Cable Set Basic KS/K 4.1 must be used for the first battery while the Cable Set Extension KS/K 2.1 must be used for the second battery.

The service life of the sealed lead acid batteries is 5 years.

**Technical data for SAK7**

Nominal voltage	– 12 VDC	
Capacity	– 7 Ah	
Dimensions	– 94 x 151 x 65 (H x W x D)	
Weight	– 2.6 kg	
Service life	– 5 years	
Ambient temperature range	– Operation	– 20 °C ... + 50 °C
	– Storage	– 20 °C ... + 50 °C
	– Transport	– 20 °C ... + 50 °C

**Technical data for SAK12**

Nominal voltage	– 12 VDC	
Capacity	– 12 Ah	
Dimensions	– 94 x 151 x 98 (H x W x D)	
Weight	– 4.2 kg	
Service life	– 5 years	
Ambient temperature range	– Operation	– 20 °C ... + 50 °C
	– Storage	– 20 °C ... + 50 °C
	– Transport	– 20 °C ... + 50 °C

**Technical data for SAK17**

Nominal voltage	– 12 VDC	
Capacity	– 17 Ah	
Dimensions	– 167 x 181 x 76 (H x W x D)	
Weight	– 6.8 kg	
Service life	– 5 years	
Ambient temperature range	– Operation	– 20 °C ... + 50 °C
	– Storage	– 20 °C ... + 50 °C
	– Transport	– 20 °C ... + 50 °C

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ABB i-bus® EIB

Sealed Lead Acid Batteries, 12 VDC  
SAK□□, GH V924 0001 V001□

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