

# Lead-Acid Battery Pack

579591 (8802-10)

**FESTO**

LabVolt Series

Datasheet



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## General Description

The Lead-Acid Battery Pack is a half-size EMS module housing four 12 V lead-acid batteries connected in series. The Lead-Acid Battery Pack thus provides a fixed dc voltage of 48 V, available at two color-coded safety banana jacks on the module front panel. Three battery voltage test points allow measurement of the voltage provided by each of the four 12 V batteries. A parallel charging input terminal permits the charging of several Lead Acid Battery Packs connected in parallel at the same time. The Lead-Acid Battery Pack is protected against overcurrent and short-circuits. The Lead-Acid Battery Pack can be used as a 48 V dc power source, and in energy production and storage applications implemented with the Electricity and New Energy Training Equipment.

Important warranty information:

Please note that the lead-acid batteries included in the module are not covered by the Festo warranty. To ensure long-term usage of the batteries, it is important to follow the proper maintenance instructions provided by Festo.

## Specifications

Parameter	Value
<b>Battery Pack</b>	
Type	4 valve-regulated lead-acid batteries
Voltage	48 V (12 V for each battery)
Capacity	9 Ah
Maximum Charge Current	2.7 A
Maximum Discharge Current	7 A
Parallel Charging Input	58 V maximum
<b>Overcurrent Protection</b>	
Battery Pack Fuse	10 A
Test Point Limiting Resistors (3)	1 k $\Omega$
<b>Physical Characteristics</b>	
Dimensions (H x W x D)	154 x 287 x 440 mm (6.1 x 11.3 x 17.3 in)
Net Weight	13.8 kg (30.4 lb)

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

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