



Modular Circuits Expansion Pack

EM-3540

Included Items

Item	Quantity	Item	Quantity
Battery Module	1	Light Bulb Module	1
Corner Module	2	Straight Module	2
Spring Module	1	Two Terminal Module	1
Tee Module	2		

Recommended Items

Basic Modular Circuits EM-3535, Wireless Current Sensor PS-3212 **or** Current Sensor Module EM-3534, Wireless Voltage Sensor PS-3211, Shrouded Alligator Test Leads PS-3544, PASCO Software (see www.pasco.com).

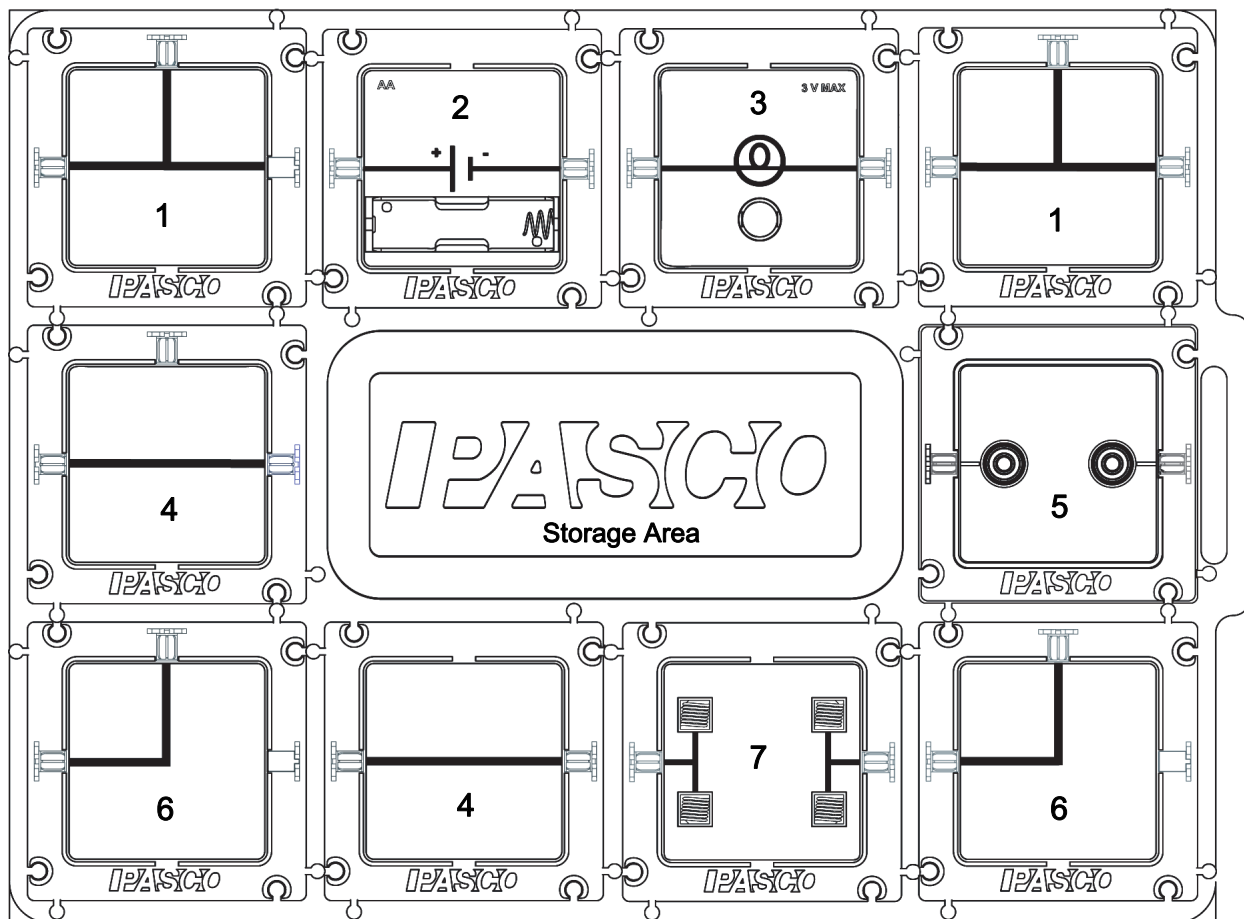
Introduction

The PASCO Modular Circuits Expansion Pack supplies extras for commonly used modules and comes in a Gratnells™ plastic storage case with one layer that is a molded plastic piece for storing the components. The ten modules fit in the square molded sections and loose components such as Jumper Clips, etc., fit in the rectangular section in the middle. The molded plastic layer is protected by pieces of foam above and below. This manual shows how to store the modules.

Experiments

See the **Basic Modular Circuits** page at the PASCO Web site (www.pasco.com) for information about experiments designed for the EM-3535. The Web page includes a video that is a brief introduction to the Modular Circuits.

Storage Layout



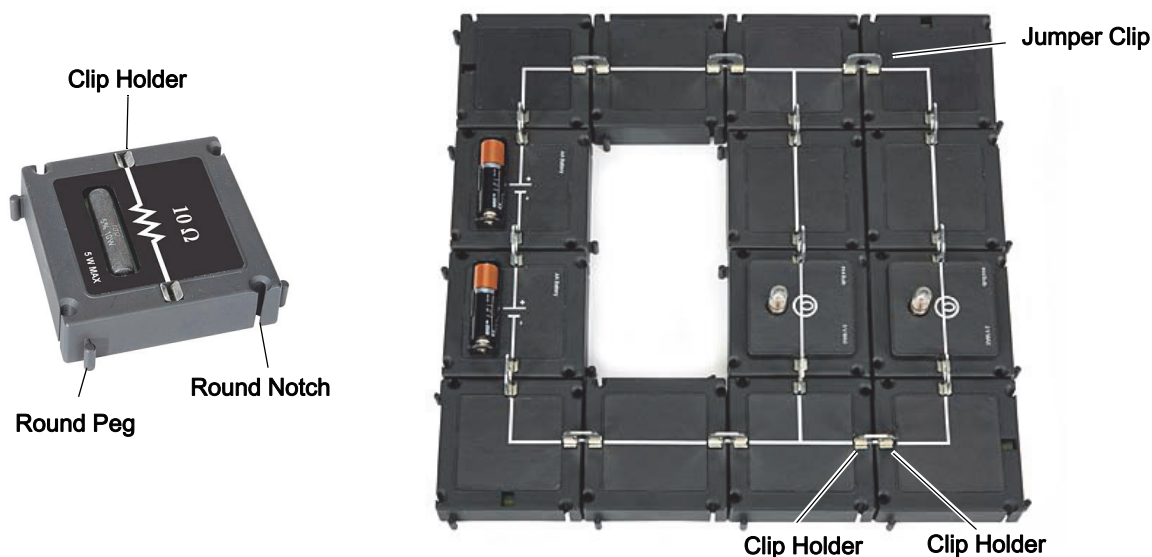
Item	ID	Item	ID	Item	ID
Tee Module	1	Battery Module	2	3Light Bulb Module	3
Straight Module	4	Two Terminal Module	5	Corner Module	6
Spring Module	7				

Put modules together by slipping the round pegs on the edges of one module into the round notches on the edge of the next module. Each modules has two or three clip holders. Connect modules electrically by pushing a jumper clip down into adjacent clip holders.

Two Terminal Module

The new Two Terminal Module allows you to connect your modular circuit to a power supply such as the power output from the 550 Universal Interface or the 850 Universal Interface or another power supply such as those available from PASCO (see www.pasco.com) for more information.

The Two Terminal Module has a re-setable fuse that protects your modular circuit if the current in the modular circuit is too high. The fuse automatically resets after a cool-down period.



Sensors

Using a PASCO sensor with the modular circuits requires a sensor, interface and software.

PASCO Capstone Software or SPARKvue Software

PASCO Capstone Software is best for Windows or Mac in physics and engineering laboratories. The site license allows students to use it at home. Use SPARKvue if you are on a mobile platform: iOS, Android, or Chrome.

Replacement Parts

Contact PASCO Technical Support regarding possible replacement parts.

Technical Support

For assistance with any PASCO product, contact PASCO at:

Address: PASCO scientific
10101 Foothills Blvd.
Roseville, CA 95747-7100
Phone: 916-462-8384 (worldwide)
800-772-8700 (U.S.)
Web: www.pasco.com
Email: support@pasco.com

Limited Warranty

For a description of the product warranty, see the PASCO catalog.

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Product End of Life Disposal Instructions:

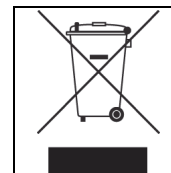
This electronic product is subject to disposal and recycling regulations that vary by country and region. It is your responsibility to recycle your electronic equipment per your local environmental laws and regulations to ensure that it will be recycled in a manner that protects human health and the environment. To find out where you can drop off your waste equipment for recycling, please contact your local waste recycle/disposal service, or the place where you purchased the product.

The European Union WEEE (Waste Electronic and Electrical Equipment) symbol (to the right) and on the product or its packaging indicates that this product must not be disposed of in a standard waste container.

Battery Disposal Instructions:

Batteries contain chemicals that, if released, may affect the environment and human health. Batteries should be collected separately for recycling, and recycled at a local hazardous material disposal location adhering to your country and local government regulations. To find out where you can drop off your waste battery for recycling, please contact your local waste disposal service, or the product representative.

The Lithium Polymer (Li-Poly) rechargeable battery used in this product is marked with the International symbols to indicate the need for the separate collection and recycling of batteries



Li-Poly

