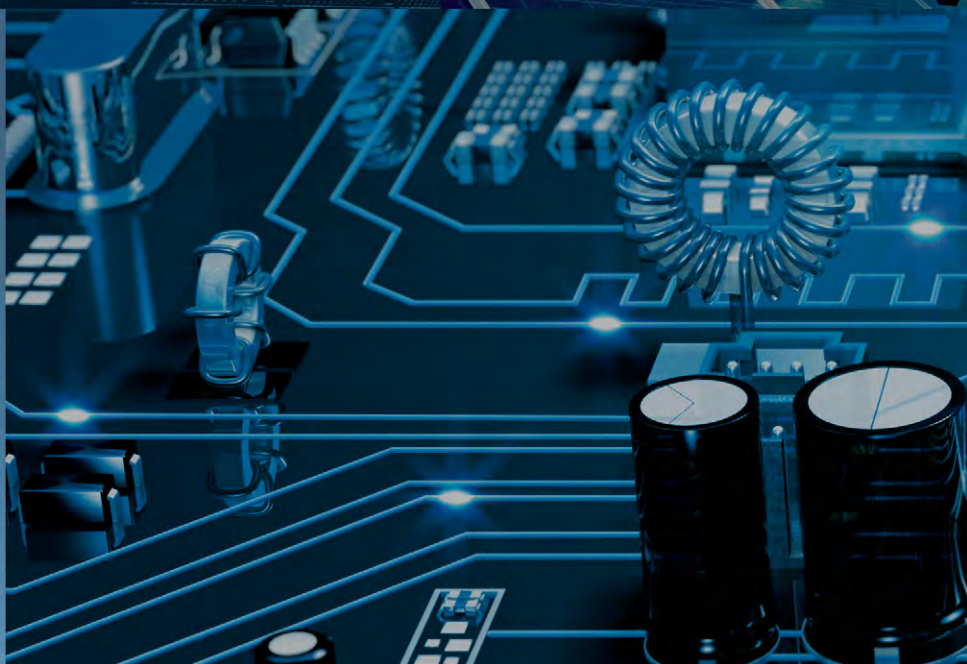


PowerStor Supercapacitors  
Special Capabilities Brochure

# PowerStor Supercapacitors

Configurable Packs and Modules



**EATON**

*Powering Business Worldwide*

**Application:**  
Flash Server Backup

**P/N:**  
PHV1245-5R4356-1

**Base Cell:**  
HV1245-2R7356-R

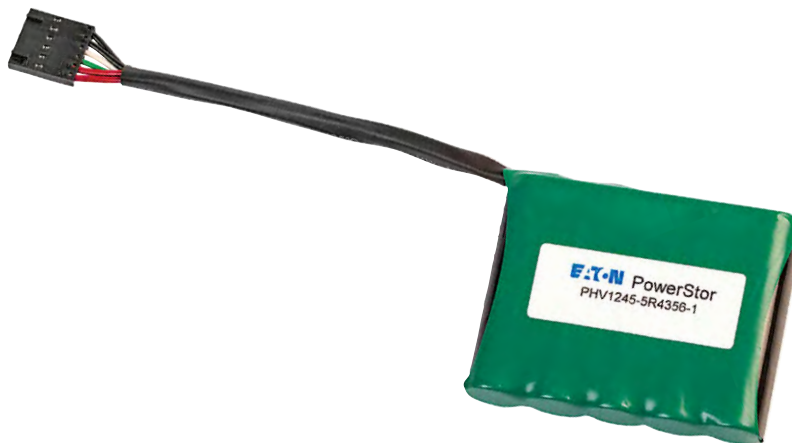
**Configuration:**  
2 series x 2 parallel

**Electronics:**  
Active Balancing

**Module Ratings:**  
5.4V / 35F / 50mΩ  
510 J, 146W max. power

**Connector:**  
Molex 50-57-9406

**Mating Connectors:**  
Molex 70018, 70543, 70545, 70553, 70555,  
70107, 70541, 70551, 70634, 74099



**Application:**  
Flash Server Backup

**P/N:**  
PHV1245-5R4176-2

**Base Cell:**  
HV1245-2R7356-R

**Configuration:**  
2 series

**Electronics:**  
Passive Balancing, Temp. Sensor

**Module Ratings:**  
5.4V / 17F / 170mΩ  
248J, 43W max. power

**Connector:**  
Molex 51021-0600

**Mating Connectors:**  
Molex 53261, 53047, 53398, 53048



**Application:**  
Flash Server Backup

**P/N:**  
PHV1325-13R5305-1

**Base Cell:**  
HV1325-2R7156-R

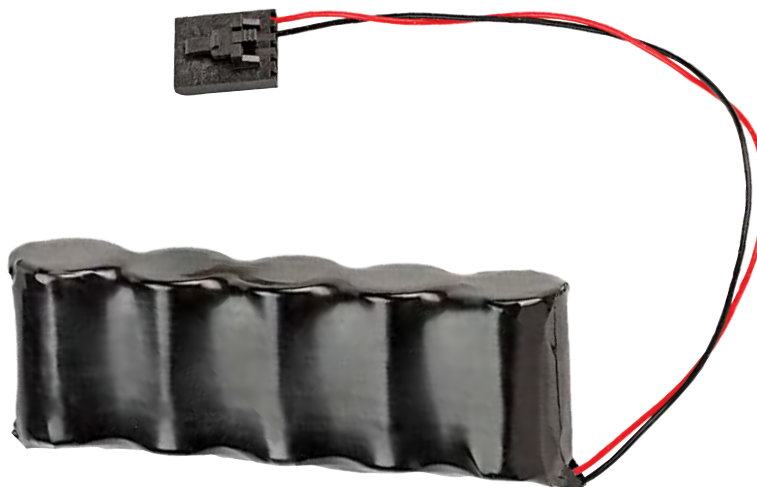
**Configuration:**  
5 series

**Electronics:**  
Passive Balancing

**Module Ratings:**  
13.5V / 3.0F / 200mΩ  
273J, 228W max. power

**Connector:**  
Molex 50-57-9406

**Mating Connectors:**  
Molex 70018, 70543, 70545, 70553, 70555,  
70107, 70541, 70551, 70634, 74099



**Application:**  
RAID Controller Card

**P/N:**  
PHV1245-13R5685-1

**Base Cell:**  
HV1245-2R7356-R

**Configuration:**  
5 series

**Electronics:**  
Active Balancing  
uprocess with EEPROM

**Module Ratings:**  
13.5V / 6.8F / 210mΩ  
620J, 217W max. power

**Connector:**  
Molex 50-57-9406

**Mating Connectors:**  
Molex 70018, 70543, 70545, 70553, 70555,  
70107, 70541, 70551, 70634, 74099



**Application:**  
UPS/Volt. Sag/SEMI F47

**P/N:**  
XV3560-259R2425-1

**Base Cell:**  
XV3560-2R7407-R

**Configuration:**  
96 cells in series

**Electronics:**  
Passive Balancing  
Fuse

**Module Ratings:**  
259.2V / 4.17F / 310mΩ  
14.5 Wh, 55.9 kW max. power

Common Platform with  
300, 400 or 600F cells



**Application:**  
Motor Driver,  
Concentrating Solar

**P/N:**  
XBM3585-15R0207-1

**Base Cell:**  
XB3585-2R5607-R

**Configuration:**  
2 parallel x 5 series

**Electronics:**  
Active Balancing

**Module Ratings:**  
15V / 130F / 50mΩ  
6.3 Wh, 1100W max. power



# PowerStor Supercapacitors Special Capabilities Brochure



## Sales and Customer Service

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### Online Resources

[www.eaton.com/elx](http://www.eaton.com/elx)

### View or Download Datasheets:

[www.eaton.com/elx-datasheets](http://www.eaton.com/elx-datasheets)

### Technical Support:

[CapacitorTech@eaton.com](mailto:CapacitorTech@eaton.com)

For additional details on custom configurations, submit specifications or request a quote email [CapacitorTech@eaton.com](mailto:CapacitorTech@eaton.com)

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