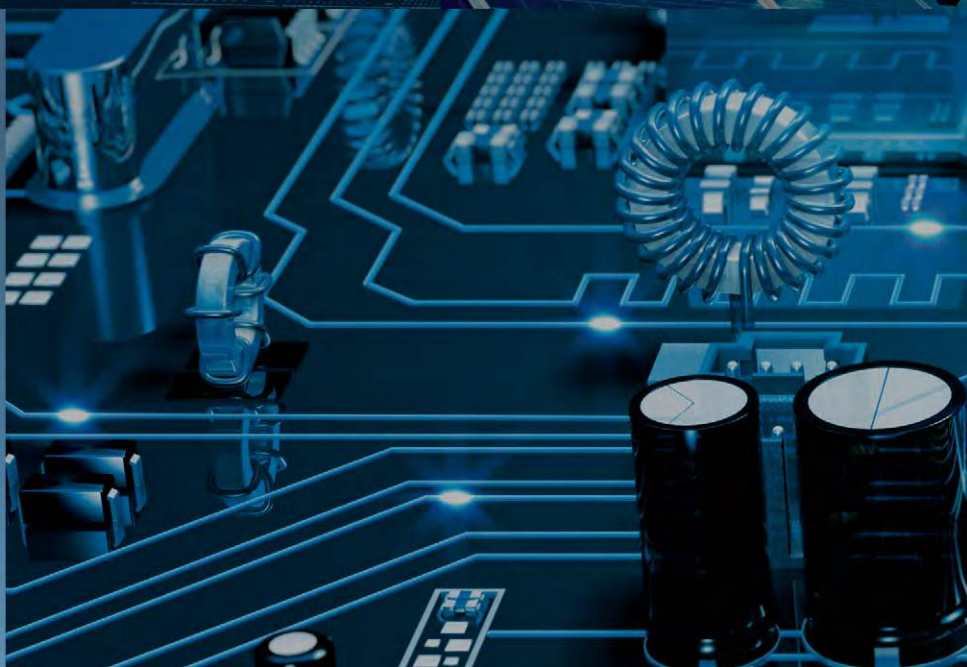


PowerStor Supercapacitors
Special Capabilities Brochure

PowerStor Supercapacitors

Configurable Packs and Modules



EATON

Powering Business Worldwide

Application:
Flash Server Backup

P/N:
PHV1245-5R4356-1

Base Cell:
HV1245-2R7356-R

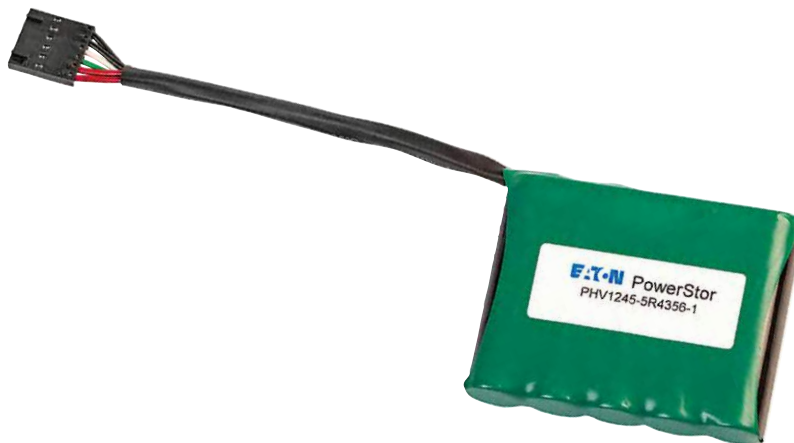
Configuration:
2 series x 2 parallel

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

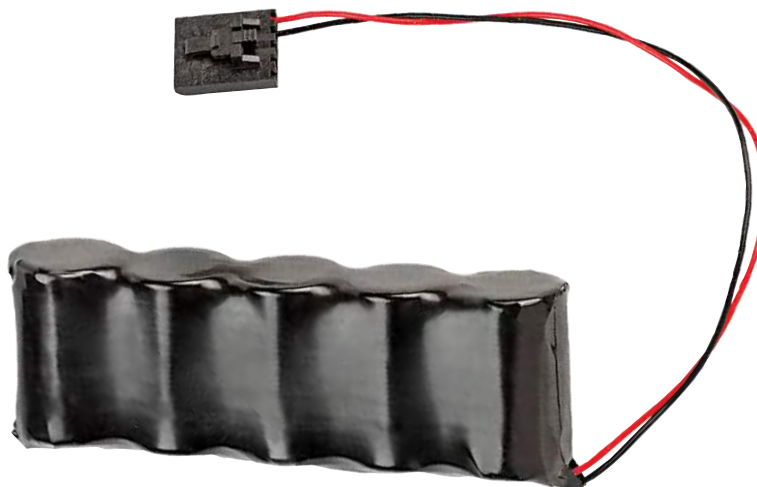
Configuration:
5 series

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



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Online Resources

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Technical Support:

CapacitorTech@eaton.com

For additional details on custom configurations, submit specifications or request a quote email CapacitorTech@eaton.com

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