

Complete back up power made completely by Eaton.

Reliable back-up where you need it

The optimal back up power solution for most common power quality problems, Eaton Supercapacitors are the ideal, reliable solution for your applications in:

MANUFACTURING Data centers
Healthcare
INFRASTRUCTURE

Short back-up times

When the primary power source is interrupted, the Eaton Supercapacitor back up solution will bridge the power for a short period until your generator starts up.

Power peaks

When short repetitive power peaks are problematic – for medical applications such as MRI devices or in process industries, for example – the Eaton solution provides a reliable peak buffer.

Short power interruptions

If faults (black-outs, brown-outs) or network operations (Autoreclosure events, autotransfers) occur in the upstream power distribution, the Eaton solution will provide complete protection for the short period until mains power is restored.

High-temperature environments

In operating environments where traditional battery back-up solutions will not function, Eaton Supercapacitors are unaffected – from -40°C to +65°C.



Powering Business Worldwide

Technical specifications

Power range

The Supercapacitor back up power solution is available for all latest 3-phase Eaton UPS products and covers power ranges from 8 kW up to 7700 kW from seconds up to minutes.



Eaton 93PS



Eaton 93PM



Power Xpert 9395P

8-160 kW

30-1600 kW

250-7700 kW

What is a supercapacitor?

Eaton Supercapacitors are high reliability, high power, ultra-high capacitance energy storage devices utilizing electrochemical double layer capacitor (EDLC) construction combined with proprietary materials and processes. This combination of advanced technologies allows Eaton to offer a wide variety of capacitor solutions tailored to applications for backup power. Each 62V Capacitor module consists of 23 series connected sealed supercapacitor cells.

23x



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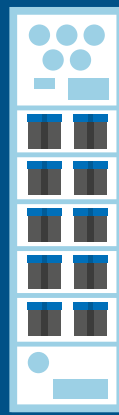
Internal/External

Eaton Supercapacitors can be fitted within a UPS or placed in an external rack.

Configuration with UPS

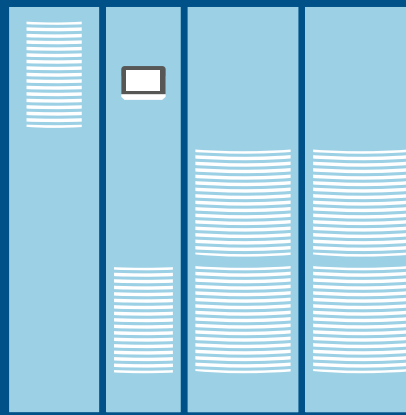
The supercapacitor back up power solution will be built from one or several parallel capacitor strings. Each string consist of 10 supercapacitor modules.

INTERNAL
IN UPS



1 STRING

EXTERNAL
IN RACK



UPS

RACK

+

1-2
STRINGS