

POWERBOX
Mastering Power

Powerbox's S-CAP BOOST power solution named as finalist in prestigious Elektra Awards

Press Release
October 18, 2018

Powerbox, one of Europe's largest power supply companies and a leading force for four decades in optimizing power solutions for demanding applications, has announced that its new S-CAP BOOST platform has been selected by the Elektra Awards committee as a finalist in the highly contested Power System Product of the Year category.

Powerbox's S-CAP BOOST is a supercapacitor boost technology that offers backup and peak power solutions for industrial and medical applications. Based on the latest supercapacitor technology combined with intelligent control and monitoring, S-CAP BOOST offers a solution to equipment manufacturers requiring high energy peaks for short periods or emergency backup purposes in applications where due to safety regulations, Lithium Ion or acid batteries are not allowed.

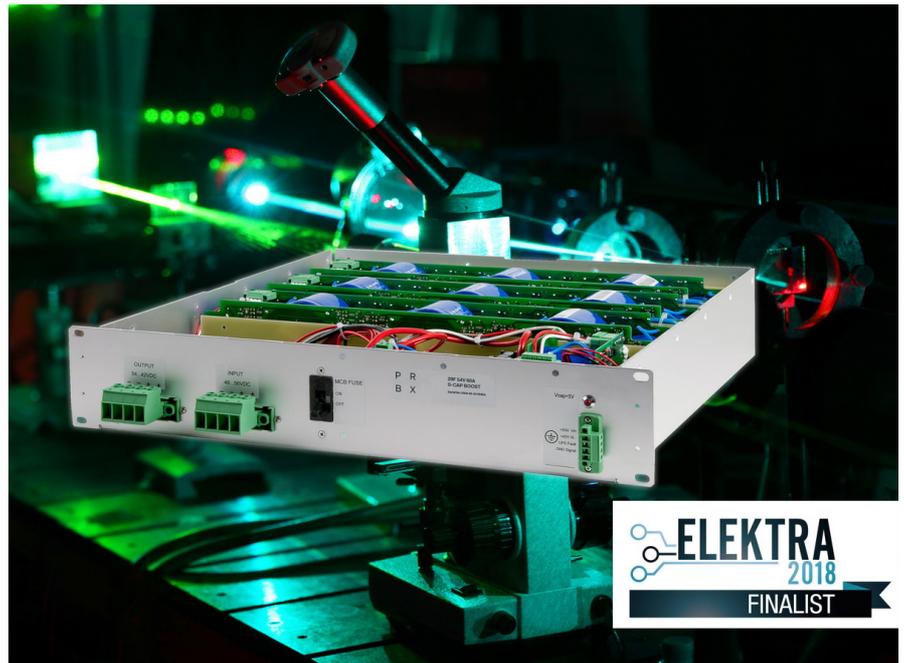
Depending on the application, S-CAP BOOST can be configured to charge and monitor supercapacitor banks to work as UPS, delivering backup power to allow safety operations to take place before shutdown or delivering high peak power for a short period without disturbing the main source or discharging/damaging the system battery in applications such as laser, electric motor booster or X-ray emission element.

Critical applications operating in hostile or confined environments are strictly regulated in terms of chemical and other hazardous risks, reducing or forbidding certain type of batteries such as Lithium Ion. For safety reasons, those applications must have a power backup long enough to run alarms and safety shutdown processes. In such arduous conditions conventional batteries are replaced by supercapacitor banks whose values could be from few Farads to 200 Farads for general applications, but up to container size in the case of large systems. S-CAP BOOST technology tightly controls vital parameters, from a single 2.8V cell supercapacitor to a wide range of assemblies delivering a specific voltage and energy required for a given application.

"Powerbox's S-CAP BOOST being chosen as a finalist in the Power System Product of the Year category is testimony not only to its high level of innovation but particularly, it is a measure of the forward thinking of Powerbox in developing and driving power systems to new levels of safety, simultaneously forming an important part of greener, planet friendly systems and equipments." said Patrick Le Fèvre, Chief Marketing and Communication Officer at Powerbox. "It is this 'thinking outside of the box' that drives and enables Powerbox to constantly come up with world-beating solutions to problems that others have struggled to solve."

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PRBX S-CAP BOOST power solution finalist at prestigious Elektra Awards

Related links:

S-CAP BOOST UPS Module

<https://www.prbx.com/product/ups-module-29f/>

About Powerbox

Founded in 1974, with headquarters in Sweden and operations in 15 countries across four continents, Powerbox serves customers all around the globe. The company focuses on four major markets - industrial, medical, transportation/railway and defense - for which it designs and markets premium quality power conversion systems for demanding applications. Powerbox's mission is to use its expertise to increase customers' competitiveness by meeting all of their power needs. Every aspect of the company's business is focused on that goal, from the design of advanced components that go into products, through to high levels of customer service. Powerbox is recognized for technical innovations that reduce energy consumption and its ability to manage full product lifecycles while minimizing environmental impact. Powerbox is a Cosel Group Company.

About Cosel

Established in Japan 1969, Cosel is one of the world's leading designers and manufacturers of high performance AC-DC Power Supplies, DC-DC Converters and EMI Filters. With quality, reliability & flexibility as our main focus, we pride ourselves on developing some of the highest quality and most reliable products seen anywhere in the world today. Cosel is a \$284m global company employing some 790 staff with sales offices throughout Japan, Asia, Europe and North America.

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About the Elektra Awards

The Elektra European Electronics Industry Awards are the high point of the year for the European electronics industry. Established as the best promotional platform to celebrate the achievements of individuals and companies across Europe, they present best practice in key areas including, innovation, sales growth and employee motivation.

For more information

Visit www.prbx.com

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