

Presseinformation

SunCat 120 : First full electric passenger vessel for Berlin– powered by state of the art battery technology from aentron - energy solution – Made in Germany

Munich / Berlin, 22nd June 2010 – Berlin receives its first commercial solar electric passenger vessel: on June 11th 2020 the “SunCat 120”, owned by Berlins SolarCircleLine was launched in Berlin Osthafen on the river Spree. The aluminium Catameran equipped with an onboard solar array combined with the innovative energy storage technology of aentron. The battery system is scaled to allow operation for the whole day without the need for land charging.

Perfect energy solution for wiring and drive system

The dual energy system uses a 550 Vdc drive-train and 48 Vdc hotel battery storage systems based on the aentron 10 kWh modules managed by the aentron energy controller. This enables redundant operation. aentron modules are distinct for their durability, projected long operational lifetime ensured by means of an optimized battery architecture. The batteries are compatible with both a solar charging interface and grid charger system.

Widescale applications possible in maritime sectors due to DNV GL Type approval DNV-GL Safety Shipping / Sea Capability:

As one of the few lithium-ion manufacturers with DNV GL type approval, aentron provides a battery-storage system turn-keys for commercial shipping. In addition, essential features of all aentron products are the robust metal housing, 360° mechanical integration, modular and scalable system integration are.

The innovative development with launching sister vessels was supported by Berlins Senate.

“We are proud to be part of this innovative project“ stated Dr John De Roche, Director of Innovation and Development from aentron.

“Reliable, safe, and high-performance energy supply is of vital importance. Even under harsh environments. Our energy storage solutions are designed to operate in all weathers and conditions. We are very proud to be one of a few manufacturers to fulfil the challenging criteria set by the DNV GL”.

About aentron

The aentron GmbH, based in Gilching near Munich, is a provider of high-quality lithium-ion batteries for industrial applications. The particularly robust energy storage solutions are developed and produced in Germany and are characterized by high resilience, scalability and security. Due to the great flexibility and modularity in both LV and HV areas, the modules cover a wide range of applications. Successful areas of application: E-Industry (driverless transport systems, autonomous logistics systems, robotics), E-Maritime (from electric boats to commercial shipping / passenger ships), E-Mobility (special, special and commercial vehicles) and E-Building (home and commercial storage solutions , Emergency power supply, on / off grid). The modules are designed so that they can be integrated into a wide variety of system solutions and reliably withstand the requirements of the most demanding areas of application. More information at www.aentron.com

Press - contact



aentron Energy Solutions
Annette Russ
Dornierstr. 21
D-82205 Gilching
Tel: +49 8105 39898-13
Email: Annette.russ@aentron.com
Web: www.aentron.com

SCHWARTZPUBLICRELATIONS

Schwartz Public Relations
Carmen Ritter/ Sven Kersten-Reichherzer
Sendlinger Straße 42A
D-80331 München
Tel: +49 89 211 871 -56 /-36
Email: aentron@schwartzpr.de
Web: www.schwartzpr.de