



# Aka energy systems Serbia

What do you know about aka energy systems?

Please tell us about AKA Energy Systems. What do you do in the energy sector? A. AKA Energy Systems is a globally recognized systems integrator and sustainable engineering company specializing in designing, manufacturing, and supporting power and propulsion assets for various industries, including marine, offshore, and renewable energy.

Why should you choose aka Power Systems for marine applications?

AKA's high reliability and hybrid power systems improve performance, reliability, efficiency and reduce carbon footprint for Marine applications. Alternate sources of power and energy storage systems are used to efficiently provide unprecedented grid stability and emission reductions in various configurations.

Who is aka & Man Energy Solutions?

The company has a diverse and highly skilled team of over 140 professionals worldwide, supported by a network of specialized contractors. AKA has partnered with MAN Energy Solutions to further offer turnkey integrated power, propulsion, and microgrid solutions, providing added value and reduced project and operational risk.

What makes aka a great company?

AKA's facilities contain over 100,000 square feet of floor space for the fabrication and manufacturing of electrical power and control systems and includes centers for engineering, research and development, and testing. From engineering, consulting and design, to commissioning, field service and world-leading documentation, AKA exceeds expectation.

What is energy systems?

A. AKA Energy Systems plays a significant role in the offshore oil sector by providing innovative solutions to decarbonize operations and enhance fuel efficiency and reliability in offshore drilling, achieving demonstrated fuel savings exceeding 50% in some cases.

Why should you choose aka's Hybrid solutions?

AKA's hybrid solutions are proven to eliminate faults and consequences. AKA's hybrid solutions are proven to increase fuel efficiency. AKA's hybrid solutions are proven to enhance operational performance. AKA's hybrid solutions are proven to reduce emissions.

Systems Intergration. AKA is a systems integrator that delivers innovative products, technically advanced services, quality documentation and world-class training. AKA has the skill to incorporate systems into your installation and ...

AKA Energy Systems (formerly Aspin Kemp & Associates) hit a milestone on Thursday as CEO Jason Aspin



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handed the keys to its first hybrid fishing vessel to its new owner. The company describes it as the first specially designed ...

Searches can be done based on system, sub system or device name to quickly locate the material required. SQL Database delivers predictable, secure and scalable performance. deviceTRAK is built on an industry recognized platform.

The thruster infrastructure controller engages these systems to help provide a seamless connection via health monitoring, pre-magnetization, and bus pre-charge. Together they form the ATCAP system which stands out against all other typical vessel thruster systems. The ATCAP system contributes to thruster autonomy, reliability, and predictability.

Renewable energy, clean or "green" energy, sustainability, and corporate responsibility have always been a primary business concern for AKA. As one of the world's leading renewable asset developers, AKA uses a business-friendly approach to renewable power that brings real, sustained economic benefit while ensuring environmentally friendly energy infrastructures.

AKA's Smart Microgrid provides back up power generation, grid support and energy storage options to suite an installation's needs. The Smart Microgrid has both long term energy storage and short term energy storage options that ...

AKA's emergency generator incoher and control provides fast sampling and trending for monitoring current and historic system operation. AKA's emergency generator controller is the only system that will permit the generator to operate either independently or in parallel using proportional load sharing with AKA's 6th generation power plant.

The AKA team is hard working and committed to meeting the challenges of our innovations in hybrid propulsion and power generation systems. We are dedicated to the development and delivery of leading edge technologies and cost-effective applications to our clients. ... AKA Energy Systems. Aspin Kemp & Associates Inc.

AKA's high availability distribution bus uses a designed redundancy system to allow for multiple power sources to feed these types of critical systems. The high availability distribution system is also capable of creating a selection and redundancy scheme between various available auxiliaries as ...

AKA Energy Systems (Aspin Kemp & Associates Inc.), established in 1996, is an energy systems provider delivering innovative solutions worldwide. AKA designs, manufactures, and supports power and ...

The same informative material is also well suited for continued life cycle support of the installed system. Conventional schematics, from other suppliers, require multiple drawings for a single system and only show how the electrical components are connected. AKA's functional drawings delineate the functions of the



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system on a single schematic.

AKA's pre-magnetization system reduces the effects of high inrush currents when power is first applied to the transformer primary. These high inrush current conditions can cause major stress on the power generation systems, even leading to the danger of tripping a generator.

The energy storage system monitoring and controls are integrated within the control station interface. The system monitoring provides remote connectivity enabling external system monitoring. Other features include: Transmission ...

AKA's facilities and field service capabilities stretch across the globe, providing propulsion systems and process power solutions design, development, manufacturing and support. These facilities, coupled with our diverse team, allow AKA to take complex designs from concept and innovation to manufacturing and testing, followed by installation / commissioning and life cycle ...

AKA was the first company to successfully carry out live short circuit testing on their system with a successful and predictable outcome. The Advanced Generator Protection (AGP) system coordinates multiple sub-systems in a unique architecture that is founded on fault tolerance.

AKA Energy Systems (Aspin Kemp & Associates Inc.) is an energy systems provider delivering innovative solutions to island and microgrid power systems. AKA designs, manufactures, and supports power and propulsion assets for marine, Offshore O& G, and land-based industries. AKA has shifted the paradigm for fuel efficiency and reliability in ...

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AKA Energy Systems | 2,731 followers on LinkedIn. Ahead of the Current. | AKA Energy Systems is a systems integrator and engineering company delivering innovative solutions to Island and microgrid power system. AKA designs, manufactures, and supports power and propulsion assets for marine, Offshore O& G, and land-based industries. AKA has shifted the paradigm for fuel ...

AKA's residential systems start from 3KW up to 20KW with commercial systems typically ranging from 5KW up to 200KW. AKA can also deliver large-scale solar and microgrid systems with our experienced power management team. AKA ...

Our industrial power systems are capable of producing and supplying high efficiency, low cost hybrid energy to power plants, substations, and a wide variety of other industrial applications. AKA provides industrial grade power solutions through a diverse product line of switchboards, high-voltage DC power systems, large-scale battery deployments, chargers, and uninterruptible ...



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AKA's InnoVision is a SCADA (Supervisory Control and Data Acquisition) system that has been developed to graphically present data outputs from distributed systems. InnoVision is designed to be highly flexible and can be customized to work with ...

AKA has over 20 years of experience with all types of power and control systems from every major vendor. AKA mobilizes our field service resources to the location of the installation. All service activities performed are documented by our specialised Intergrated Documentations Services team (IDS), including any assigned tasks, resulting activities, user manuals, and ...

AKA Energy Systems (AKA) has been selected to act as Single System Integrator (SSI) for the integrated electric power & propulsion system of the two new fully electric zero emission battery powered vessels to be built for the City of Toronto. This scope includes...

AKA's marine power systems are designed to lower fuel consumption, reduce airborne pollution and increase energy efficiency and reliability aboard marine vessels. We develop and supply a suite of innovative power and propulsion systems which have significant proven results in risk reduction for vessel operators and creating greener power solutions while increasing ...

An optional data monitoring and collection system to record shore power usage over time. A revenue-grade power and energy meter to monitor the usage of shore power. Emergency stop circuits for quick and safe shutdown of the ...

AKA can provide branded documentation material in multiple media formats, from printed to electronic. Our custom branded products are designed to meet our client's style guide requirements. Our production team is experienced in the use of desktop publishing software for the production of documentation.

AKA's uninterruptible power supply (UPS) system is able to limit the effect of these disturbances, so that output power remains stable and available for any equipment powered from the UPS system. Typical vessel UPS systems suffer from two critical weaknesses in the design. Hidden failures that occur well before the UPS is needed; or,



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