



EMerge Alliance Celebrates 100-Member Milestone at LIGHTFAIR 2013

Group introduces new members, products; hosts accredited educational session on DC power

PHILADELPHIA (April 22, 2013) – The EMerge Alliance – an open industry association leading the rapid adoption of safe direct-current (DC) power distribution standards for commercial buildings – today announced the addition of 21 new members and 39 new products for DC power applications at LIGHTFAIR International 2013.

Now supported by more than 100 member organizations, the group continues to make progress toward delivering greater electrical energy efficiency, flexibility and sustainability throughout buildings. Newest members to the DC power movement include: Eltek AS, Panduit, ValidusDC and ZBB Energy Corporation at the Participating level; Alpha Technologies, Carling Technologies, Lite-On Clean Energy Technology, Minebea, PhotoGlow and SL Power Electronics at the General level; Echola Systems, Engineering Services of Vermont, Lighting Energy Depot, People Power, Strategic Energy Solutions and VP Energy at the Supporting level; Korea Testing Laboratory, Pika Energy, SCTE and sg++ smart grid computing at the Corresponding level; and Passive House Institute U.S. at the Liaison level.

“The benefits of DC power distribution go beyond decreasing energy consumption, reducing labor costs and minimizing business interruptions,” said EMerge Alliance Chairman Brian Patterson. “DC microgrids offer a safe, reliable and efficient solution to providing power to commercial buildings and new lighting technologies, which is why we continue to gain support from both business and industry leaders.”

Members at the Governing, Participating, and General levels are actively participating in the EMerge Alliance Registered product program for the EMerge Alliance Occupied Space Standard, which facilitates DC power distribution in commercial interiors through the integration of interior power, infrastructures, controls and peripherals at the room-level microgrid platform level.

To date, 92 member products have been submitted for independent evaluation to determine their suitability to carry the EMerge Alliance Registered product mark for use in DC systems. The following new products have been submitted to offer building owners more lighting and control choices to improve the efficiency, sustainability and flexibility of commercial buildings:

- Acuity Brands – Lithonia Lighting® AC Series LED – 2 x 2
- Acuity Brands – Lithonia Lighting® AC Series LED – 2 x 4
- Acuity Brands – Lithonia Lighting® AL Series LED – 2 x 2
- Acuity Brands – Lithonia Lighting® AL Series LED – 2 x 4
- Acuity Brands – Lithonia Lighting® RT Series LED – 2 x 2
- Acuity Brands – Lithonia Lighting® RT Series LED – 2 x 4
- Acuity Brands – Lithonia Lighting® SBS Series LED - 2x2
- Acuity Brands – Lithonia Lighting® SBS Series LED - 2x4
- Acuity Brands – Lithonia Lighting® T Series LED - 2x2
- Acuity Brands – Lithonia Lighting® T Series LED - 2x4
- Acuity Brands – Lithonia Lighting® VT Series LED - 2x2
- Acuity Brands – Lithonia Lighting® VT Series LED - 2x4
- Amatis Controls – AM-8SW: Multifunction 8 gang switch
- Amatis Controls – AM-Blind
- Amatis Controls – AM-BR: Border router
- Amatis Controls – AM-Dim: Lighting dimmer
- Amatis Controls – AM-Dim: Lighting dimmer
- Amatis Controls – AM-Relay
- GVA Lighting – Highlighter™ HL-COVE
- JLC-Tech – T-BAR LED Smartlight™

- Magtech Industries Corporation – LD1025 LED Driver
- Magtech Industries Corporation – LD1040 LED Driver
- Nextek Power Systems – Maximum Power Point Tracker – Low Voltage
- Nextek Power Systems – Maximum Power Point Tracker – High Voltage
- Nextek Power Systems – Maximum Power Point Tracker – Fixed Voltage
- Nextek Power Systems – DC/DC Converter – Low Voltage
- Nextek Power Systems – DC/DC Converter – High Voltage
- Nextek Power Systems – DC/DC Converter – Fixed Voltage
- OSRAM SYLVANIA – RLC22 LED 2x2 Luminaire
- OSRAM SYLVANIA – RLS22 LED 2x2 Luminaire
- Philips Electronics – Attune 1x4
- Philips Electronics – Attune 2x2
- Philips Electronics – Attune 2x4
- Philips Electronics – ST 2x2 SofTrace 2 Lamp T8
- Philips Electronics – Calculite
- PhotoGlow Inc. – TL2X LED Ceiling Tile
- PolyBrite International – Emergency LED Lamp
- ROAL Electronics USA – Safe Energy Server (SES400)
- TE Connectivity – External Bus Bar Connector

For a current list of EMerge Alliance Registered products, please visit

www.emergealliance.org/Products/RegisteredProducts.aspx.

The Alliance is nearing completion of a planned expansion of the EMerge Alliance Registered product program to include products supporting the EMerge Alliance Data/Telecom Center Standard, announced in November 2012. Once this process is completed, products supporting this DC power standard will be eligible to wear the EMerge Alliance Registered product logo.

EMerge Alliance at LIGHTFAIR 2013

The EMerge Alliance and members will be exhibiting at LIGHTFAIR International in Philadelphia, April 23-25, 2013. The latest DC power applications in lighting will be featured at EMerge Alliance booth #3446, where LIGHTFAIR attendees can learn more about the Alliance and its standards for DC power.

At the Alliance's booth, a product spotlight will include the following products:

- Acuity Brands – Lithonia Lighting AC Series – 2 x 2
- Acuity Brands – Lithonia Lighting AL Series – 2 x 2
- Acuity Brands – Lithonia Lighting RT Series – 2 x 2
- Amatis Controls – AM-BR: Border router
- Amatis Controls – AM-Dim: Lighting dimmer
- Amatis Controls – AM-8SW: Multifunction 8 gang switch
- Armstrong – DC FlexZone Ceiling Grid
- JLC-Tech – T-BAR LED Smartlight
- Nextek Power Systems – Power Server Module (PSM), model 1600 C2 Alt
- OSRAM SYLVANIA – RLC22 LED 2x2 Luminaire
- Philips Electronics – Calculite
- Philips Electronics – ST 2x2 SofTrace 2 Lamp T8
- ROAL Electronics USA – Safe Energy Server (SES400)

In addition, attendees who are interested in learning about the benefits of DC power can attend an AIA and GBCI accredited educational session titled, "DC: The Power to Change Lighting for Net Zero Energy Buildings," at 11 a.m. on Wednesday, April 24, at booth #4721F in the Spotlight Lounge.

About the EMerge Alliance

The EMerge Alliance is an open industry association leading the rapid adoption of safe DC power distribution in commercial buildings through the development of EMerge Alliance standards. These innovative standards integrate interior infrastructures, power, controls and devices in a common microgrid platform to facilitate the hybrid use of AC and DC power throughout buildings for unprecedented design and space flexibility, greater energy efficiency and improved sustainability. The nonprofit Alliance is accepting new members at various levels. For more information, please visit www.EMergeAlliance.org.

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