

Global products.
Manufactured for today.

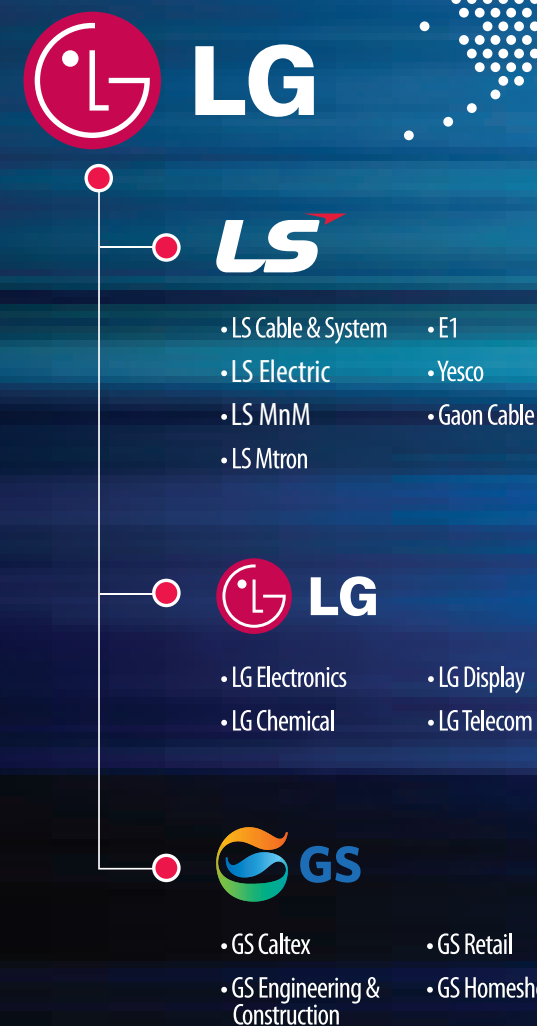


About LS Cable & System USA

LS Cable & System, headquartered in Anyang-si, South Korea, was established in May 1962 and is a worldwide leader in the design and manufacture of busway for a wide array of applications. With 21 subsidiary companies throughout the world, LS has more than 60 factories, sales and production sites in 20 countries.

In April 2017, the LS Group acquired the Energy division from Superior Essex to create a subsidiary under the LS Cable & System umbrella. Today, LS Cable & System USA is a leading US manufacturer and supplier of energy wire and cable products and distribution systems serving the commercial, industrial, renewable and utility markets.

Busway was first commercialized in the 20th century as a solution for large-scale projects and electrical system applications requiring minimal energy loss. Busway is the proven choice for projects that prioritize convenience, maintenance, safety and easy distribution of loads. LS Cable & System USA offers Ex-Way (UL), Data-way (UL), NSPB MV and CR-MV, in full compliance with US industry standards.



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Global Network

More than 60 Factories, Sales and Production Sites in 20 Countries

- BRANCH
- SUBSIDIARIES
- R&D CENTER



Korea



Gumi Plant
EHV / MV / LV Cable
UTP, Coaxial Cable
SCR, Magnet Wire
Overhead Cable, Busway



Indong Plant
Optical Fiber
Optical Cable



Donghae Plant
Submarine Cable
Industrial Specialty Cable

China



LSHQ (Yichang)
EHV / MV / LV Cable
Industrial Specialty Cable



LSCW (Wuxi)
Industrial Devices Cable
Automotive Cable
Harness & Module Aluminum
Busway

Vietnam



LS-VINA (Haiphong)
EHV / MV / LV Cable
SCR, ACSR
Overhead Cable



LSCV (HO Chin Minh)
MV / LV Cable
UTP, Optical Cable
Overhead Cable

India



LSCI (Bawal)
EHV / MV / LV Cable
Coaxial Cable
Overhead Cable

US



LSCUS (Tarboro)
MV / LV Cable
Control, Instrument Cable

Poland



LS EV Poland / LS CP (Dzierzoniow)
Automotive Battery Components
Optical Cable



Global brand.
Made for America.



World Headquarters
Anyang-si, South Korea

Global Experience

Battery



HYUNDAI MOTORS EV
Ellabell, Georgia
Ex-Way (UL) supply, installation



KOKOMO-1 BATTERY
Samsung SDI & Stellantis battery plant
Kokomo, Indiana
Ex-Way (UL) supply



NEXTSTAR BATTERY
LG ENSOL & Stellantis battery plant
Windsor, Canada
Ex-Way (UL) supply



SK BATTERY AMERICA
SK Innovation (Phase 1 & 2)
Commerce, Georgia
Ex-Way (UL) supply, installation



SAMSUNG T-PROJECT
Electronics semi-conductor plant
Taylor, Texas
Ex-Way (UL) & DTS supply, installation



Q-CELLS REDEEMER-1
Hanwha Q-Cells solar panel plant
Dalton, Georgia
Ex-Way (UL) supply



LG ELECTRONICS TN
LG home appliance factory
Clarksville, Tennessee
Ex-Way (UL) supply



O-DATA DC-QR01-2021
Largest national data center campus
Querétaro, Mexico
Ex-Way (UL) supply



WINSTON SALEM APARTMENTS
PMC Property residential building
Winston Salem, North Carolina
Ex-Way (UL) supply

Learn more about
LS Busway
800.249.0014



EX-way (UL)

LS Cable & System E-series Busway can be used for applications carrying up to AC 1000V and currents from 630A to 6000A. When used in conjunction with a joint kit, the large connected surface minimizes contact resistance to realize NEMA 3 weather resistance. LS Busway can be configured with interior or exterior NEMA 3R housing and interior NEMA 1, according to application requirements.

Applications

- Electrical rooms
- Apartments & large buildings
- Plants

Aluminum housing coated with paint

Fastening bolt & washer

Conductor (Copper or Aluminum)

Class B (130°C) epoxy powder insulation



EX-way (UL) Series

Ex-way (UL) is a totally-enclosed, non-ventilated, true-sandwich design rated at 600V and manufactured to carry a current between 630A and 6000A.

Ex-way (UL) is available with either copper or aluminum conductor. The all-aluminum, two-piece housing provides excellent mechanical strength and heat diffusion properties.

Benefits

- Lightweight, easy to install and compact
- High thermo-diffusional efficiency
- Compatible with temperature- and power-monitoring systems and plug-in boxes
- Earthquake- and explosion-resistance features



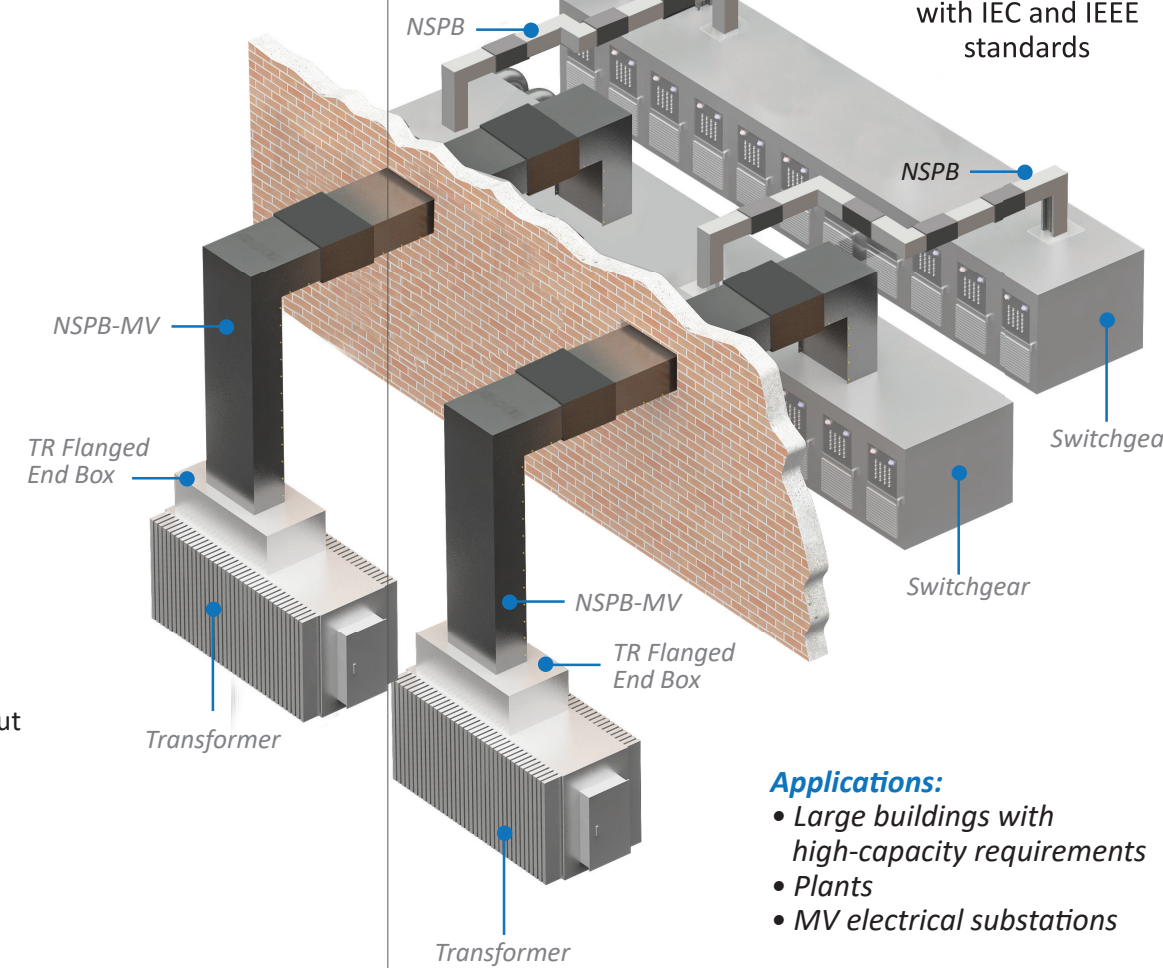
Learn more about LS Busway 800.249.0014

NSPB MV

LS Cable & System NSPB Busway provides a wide range of options, including conductors, material and housing design with a wide range of voltage under 27kV and current between 800A and 4000A. NSPB can be customized to satisfy the needs of every client and every project.

Benefits

- Environmentally friendly while retaining excellent performance
- RoHS certified; free of hazardous substances
- High short-circuit strength
- Designed in accordance with IEC and IEEE standards



Applications:

- Large buildings with high-capacity requirements
- Plants
- MV electrical substations

CR-way

LS Cable & System offers CR-way Busway for when you need total protection from the elements.

CR-way's epoxy resin housing fully encloses the product, offering additional insulation and protection. CR-way is available up to 27kV and is rated IP68. It is suitable for current capacities between 630A to 7500A (high voltage product 120~5000A).

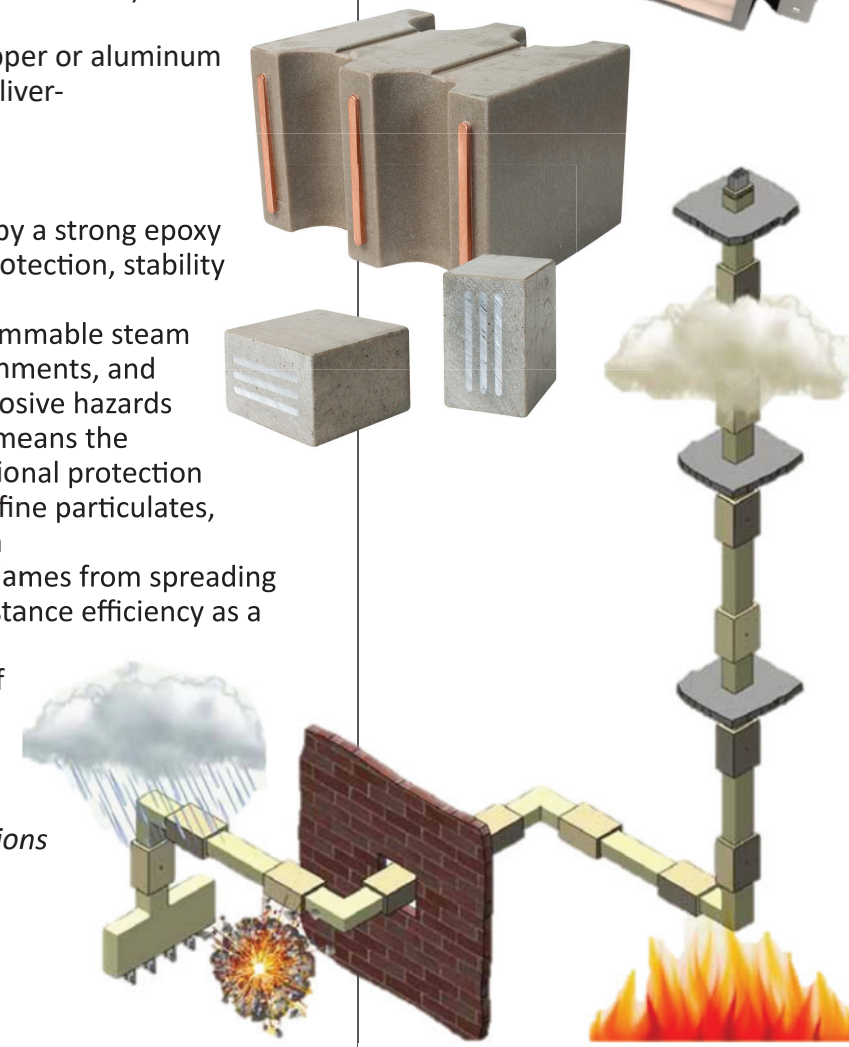
Choose from either copper or aluminum conductor, and tin- or silver-plated connections.

Benefits

- Completely enclosed by a strong epoxy resin for maximum protection, stability and durability
- Safe for use near inflammable steam and gas, dusty environments, and other potentially explosive hazards
- Certified IP68, which means the product offers exceptional protection from intrusive water, fine particulates, erosion and corrosion
- Designed to prevent flames from spreading and includes fire-resistance efficiency as a standard feature
- RoHS Certified; free of hazardous substances

Applications

- Humid or dusty locations
- Chemical plants
- Outdoor installations
- Large capacity power needs



Bus Plug: MCCB / Fusible Disconnect

LS Busway is easy to use with a variety of plug-in units.

MCCB, a circuit breaker and trip device, can be used in conjunction with LS Busway to manually open and close the electric circuit in case of overload.

Fusible Disconnect, a device where a disconnect switch is used in conjunction with a fuse assembly, which can manually open and close the electric circuit while providing over-current protection.

- Plug In Unit: 100A - 600A
- Tap-off unit: 800A - 1200A

Benefits

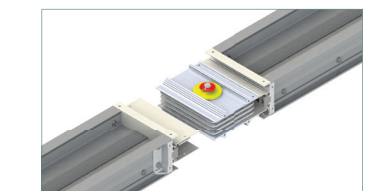
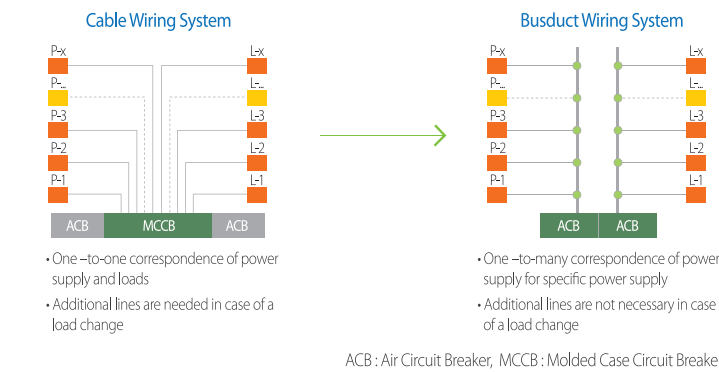
- Compatible with multiple brands and across a variety of applications
- Offers added protection to wires while distributing loads
- Can automatically cut off electric power in case of overload and short circuit
- A variety of rated currents from small to large capacities (30AF~1200AF)



LS BUSWAY Advantage

Easy Distribution of Loads

LS Busway is separated from a single line at a plug box, which simplifies the power system. A MCCB or other fusible device can be installed at the plug box to effectively shut off fault current.

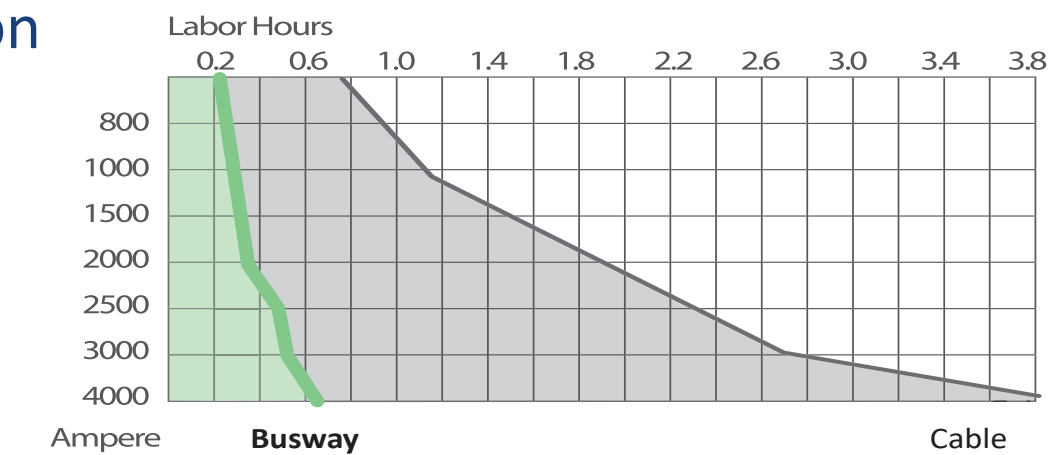


Easy Maintenance

The design of the LS Busway system makes it easy to detect abnormalities during installations, ensuring easy maintenance. When humidity or dust causes a malfunction in the system, the easy-to-maintain design allows replacing only the damaged parts.

Easy Installation

LS Busway is easy to install, using a simple method to connect, and improves cost due to its compact size. LS Busway also incorporates the "one joint bolt type" with a torque of only 200 ft/lbs to further minimize time and costs.



Easy Adaptability

LS Busway can be adapted to almost any application configuration. Various fittings, such as elbow, off-set and tee can be applied to various complex routes make Busway as versatile as traditional cable, able to transmit high-capacity currents without electrical and mechanical loss.