

Article Overview

Custom low-voltage switchgear in the UAE is available from multiple certified manufacturers, offering tailored solutions for industrial, commercial, and infrastructure projects compliant with IEC 61439 and local utility standards.

Key Suppliers and Capabilities

Team Switchgear and Control LLC (Dubai) designs and manufactures custom low-voltage switchboards including Main Low Voltage Switchboards (MLVS), Sub Main Distribution Boards (SMDB), and Power Distribution Boards (PDB). Their products are built to IEC 61439-1/2, with busbar ratings from 1600A to 6300A, and are approved by DEWA, FEWA, and SEWA. They use components from Siemens, Schneider Electric, ABB, and Eaton, offering Form 2-4 segregation for critical facilities . Al Tawasul Switchgear provides tailored low-voltage panels, MCCs, and control systems for residential, commercial, and industrial sectors. Their solutions are engineered for high-load performance, safety, and long-term reliability. They offer custom-built control panels for automation, process control, and energy-efficient systems, including solar integration and smart inverters . Al Terhab Electrical Switchgear Dist. LLC (Sharjah) manufactures ASTA-certified MLVS, SMDB, LV panels, capacitor banks, ATS panels, and feeder pillars. Their products comply with DEWA, SEWA, and ADDC standards, and they emphasize quality at affordable costs with ISO 9001 certification . Safety Electrical Group (SEG) and Al Hayat Switchgear specialize in engineering, manufacturing, and assembling custom switchgear solutions, including Motor Control Centers and control panels for construction, power generation, and industrial applications. They provide tailored solutions to meet specific client requirements . Pacific Ocean Electrical Switchgear Industries LLC offers low-voltage switchboards, motor control centers, and PLC system integration. They are ISO-certified (ISO 9001:2015, ISO 14001:2015, ISO 45001:2018) and authorized panel builders for Schneider Electric and Elsteel, ensuring high-quality, safe, and reliable custom solutions .

Applications and Customization

Custom low-voltage switchgear in the UAE is used for:

- o Industrial plants, factories, and process facilities
 - o Commercial buildings, hotels, and hospitals
 - o Infrastructure projects and utility substations
 - o UPS rooms, IT facilities, and mechanical plant rooms
- Customization options include busbar sizing, monitoring relays, metering, automation integration, outdoor enclosures, and energy-efficient solutions. Manufacturers also provide installation, commissioning, testing, and after-sales support to ensure seamless operation.



Custom-made low-voltage switchgear equipment for the UAE

Standards and Compliance

All major UAE suppliers ensure compliance with:

- o IEC 61439 for low-voltage switchgear
- o Local utility regulations (DEWA, SEWA, FEWA, ADDC)
- o ISO certifications for quality, environmental, and safety management This ensures that custom switchgear solutions are reliable, safe, and suitable for high-demand applications.

Conclusion

For projects in the UAE requiring custom low-voltage switchgear, multiple certified manufacturers provide tailored solutions with full compliance to international and local standards. Depending on your project size, load requirements, and automation needs, suppliers like Team Switchgear, Al Tawasul, Al Terhab, SEG, and Pacific Ocean Electrical Switchgear can deliver engineered solutions with robust support and long-term reliability.

We build PLC panels, control panels, MCC panels, relay logic panels, automation enclosures, and support low-voltage switchgear

Prime Electrical Manufacturing is an Integrated Energy Solutions provider, based in Dubai, UAE. Our solutions range from Modular

Enercon builds custom low- and medium-voltage switchgear tailored to your specs. UL891 and UL1558 certified, reliable, and ready

Moonstar Switchgear Manufacturing LLC is a UAE-based engineering company specializing in the design and commissioning of LV

Explore our complete guide to low voltage switchgear in the UAE and GCC. Learn how to select, install, and maintain

The UAE's rapid development across residential, commercial, and industrial sectors has created a massive demand

Trusted UAE provider of custom LV switchgear, MCC panels, PLC-SCADA automation, and BMS systems. ISO-certified engineering

Custom-made low-voltage switchgear equipment for the UAE

Some of the top producers of switchgear in the world, specializing in cutting-edge technology to satisfy the growing

ABN Electric is a leading electrical contactor supplier, electrical isolator manufacturer, and low voltage

About US Voltage Elect. Switchgear Industrial Co. Ltd was established in 1988. The Company's aim is to exceed customer

AGS specializes in designing and assembling custom-made low voltage switchgear solutions, emphasizing quality and safety. With

Trusted electrical switchgear supplier companies in UAE, offer top-tier design, manufacturing and set-up low-voltage and high

Powertech is proud to be considered as one of the leading Low Voltage Panel Builders in the UAE with a team of over 95 qualified,

Leading suppliers and manufacturers of Low Voltage Switchgear in the UAE and Dubai. Our high-quality Low Voltage Switchgear are

Explore low voltage (LV) switchboards and electrical switchgear, featuring arc-resistance, front access, and space-saving design.

Voltronix switchgear is delighted to be acknowledged as one of the best manufacturers of electrical switchgear of low-voltage panels

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