



Electrical & Automation

Lauritz Knudsen Electrical & Automation.
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SCAN to enquire



Electrical & Automation

POWERING
THE FUTURE OF SOLAR
ELECTRIFICATION
WITH



*Project Reference for 800VAC **30GW in India and 10GW abroad. | ©2025. All Rights Reserved

ABOUT LAURITZ KNUDSEN

Lauritz Knudsen Electrical & Automation is a leading player in the electrical industry with a 70+ year legacy and a commitment to the nation's growth. The brand provides a wide range of Electrical & Automation solutions to vital sectors of the economy, with an extensive portfolio of low and medium-voltage switchgear, automation solutions, tailored software, and services.

Driven by a strong customer-centric approach, Lauritz Knudsen conceptualises, designs, and manufactures products in India for both domestic and global markets. It has a robust national presence and one of the largest electrical distribution networks in the country.

Our infrastructure comprises five factories across a manufacturing footprint of 2.1 million sq. ft., complemented by 33+ offices and a pan-India presence across 500+ cities, empowering us to serve customers across diverse locations efficiently.

Our 500+ R&D specialists design end-to-end solutions and test them in-house, giving us a unique advantage in serving customers better and more efficiently.

In line with India's Skill India initiative, we take pride in our six training centres, having trained over 400,000 professionals in recent years.

THE RISE OF SOLAR



Electrical & Automation

As India strides toward its clean-energy goals, solar power has emerged as the cornerstone of this transformation. With its ability to reduce carbon emissions, lower electricity costs, and enhance energy independence, solar is no longer an alternative, it's the future.

From sprawling utility-scale plants to rooftop panels, the sun is lighting up homes, industries, and progress alike.

OUR ROLE IN SOLAR ELECTRIFICATION

As the world transitions to a cleaner, more sustainable future, solar energy stands as a beacon of possibility.

At Lauritz Knudsen, we are not just witnessing this change, we are powering it. With cutting-edge electrical, automation, and digital technology, backed by a legacy of trust, we enable the world's solar ambitions, one connection at a time.

We were early movers in solar electrification, bringing up to 800VAC products to market ahead of the curve.

We provide true end-to-end support, from concept to commissioning, with technical collaboration that spans consulting, installation, and post-installation service for electrical systems.

And we co-create electrical solutions with stakeholders, so every project is engineered for reliability, scale, and long-term performance.

WHY CHOOSE LAURITZ KNUDSEN

With a legacy built over

70+ years,

Lauritz Knudsen delivers end-to-end electrical and automation solutions across India's most vital sectors.

From advanced factories to remote farmlands, our footprint spans the nation and beyond, powered by state-of-the-art manufacturing, deep engineering expertise, and a network of

1500+ partners.

Our proven 800VAC systems deliver performance, protection, and peace-of-mind across solar plants in India and abroad.

We do not just build products. We build the backbone of progress. That promise is backed by:



WHAT MAKES US THE SMART CHOICE IN SOLAR

When it comes to solar infrastructure, every detail matters. Lauritz Knudsen brings reliability, scale, and engineering precision to every project.

Here's why we're the partner of choice.



Expertise Across Segments:
We offer end-to-end solar electrification from 3kW homes to 500MW utility plants.



Tailored Solutions:
Products are designed to meet the requirements of all inverter topologies.



Engineered for Reliability:
Conforms to global standards.
Designed for real site use conditions.



Made in India, Ready for the World:
Reliable products engineered to minimise downtime and maintenance, built in India to power solar plants across the globe.

When you choose Lauritz Knudsen, you do not just install components, you build certainty.

EXTENSIVE RANGE OF SOLAR SOLUTIONS

From generation to grid, Lauritz Knudsen offers a complete range of solar electrical products engineered for performance, safety, and long-term reliability. Whether AC or DC switchgear or metering, our solutions ensure protection and smarter energy management.



**AC Solutions
(up to 800VAC):**
MCCB, Isolators, ACB,
Surge Protection Devices



**DC Solutions
(up to 1500VDC):**
Isolators, MCCB,
MCB



Cloud-based Remote Monitoring Solution:
Subscription based model



MV Switchgear Solutions:
11kV and 33kV VCB



Smart Metering Solutions:
Net Meters, Digital Panel Meters,
Availability-Based Tariff (ABT) Meters



Busduct Solutions:
UL-certified, IP66, Seismic Zone 5
tested sandwich busbars

SEGMENT-SPECIFIC SOLAR SUPPORT

Every solar installation is unique. That's why our solar electrification solutions are designed to fit the specific needs of each segment, whether it is a factory rooftop or a 500MW utility plant. With tailored products and proven expertise, Lauritz Knudsen delivers solar at every scale.



Utility Scale Solar:

- ▶ **Typical Range:** From 1MW to 1GW+
- ▶ **Lauritz Knudsen Offerings:** 800VAC & 1500VDC Products | 415VAC | 11/33KV MV | Tariff Meter | 800VAC Transfer switch | Busway | MFM Control & Signalling devices



Commercial & Industrial (C&I):

- ▶ **Typical Range:** From 10kW to 5MW
- ▶ **Lauritz Knudsen Offerings:** 800VAC & 1500VDC Products | 415VAC | 11/33KV MV | Software | MFM Tariff Meter | Busway | APFC Relay | 800VAC Transfer switch Control & Signalling devices



Residential Rooftop Solar:

- ▶ **Typical Range:** From 1kW to 500kW
- ▶ **Lauritz Knudsen Offerings:** 230VAC/415VAC Products | DC MCB | Combo MCB (AC+DC) | Net Meter | MFM Control & Signalling devices



With global certified products and a strong focus on reliability and safety, Lauritz Knudsen ensures peace-of-mind with every install. From quality compliance to design resilience, our credentials speak for themselves.

And our promise doesn't end at installation. With dedicated pre-sales and post-sales support, we ensure seamless service at every stage of your project. From advanced LV switchgear to protection solutions, our products are engineered for durability, safety, and precision backed by expert consultation and dependable delivery performance.