Sterlite Power Transmission Limited is at the forefront of the power transmission industry and shares its lineage with the $13 billion natural resources giant, Vedanta Group. Driven by its core purpose of **Empowering Humanity by Addressing the Toughest Challenges of Energy Delivery**, it is committed to revolutionising the power transmission sector by harnessing cutting-edge technology for efficient, reliable and smart energy delivery.
Sterlite has four Business Units (BUs):

- SOLUTIONS
- INFRASTRUCTURE
- INDIGRID
- CONVERGENCE
Global Presence

Sterlite Power has an international footprint. It is a leading developer of intra and inter-state power transmission in India and Brazil and a major manufacturer of power cables, power conductors and OPGW, catering to 200+ Customers across EPCs, Government & Private utilities in over 60 countries.
Customers across 60 countries

Projects in India & Brazil

Australia  Latvia
Abu Dhabi  Libya
Afghanistan  Macedonia
Algeria  Malawi
Angola  Mali
Bangladesh  Morocco
Benin (Africa)  Mozambique
Bulgaria  Namibia
Burkina Faso  Nepal
Cambodia  Nigeria
Cameroon  Norway
Canada  Paraguay
Chile  Peru
Colombia  Poland
Congo  Saudi Arabia
Costa Rica  Sierra Leone
Denmark  South Africa
Egypt  Spain
Ethiopia  Srilanka
Finland  Sudan
Gabon  Sweden
Gambia  Tanzania
Germany  Togo
Ghana  Tunisia
Hungary  Turkey
Iraq  UAE
Ivory Coast  Uruguay
Jordan  USA
Kenya  Yemen
Kuwait  Zambia
Power Solutions Partner

Sterlite Power has oriented all its offerings to address the three core customer challenges - shortage of Space, Time and Money. A passion for delivering innovative products and solutions, world class quality and exceptional customer service has helped Sterlite’s power cables business achieve a leadership position in the HV & EHV power cables industry. A state-of-the-art plant in Haridwar manufactures 6.6kV to 400kV power cables for various applications.
Sterlite works closely with customers to deliver custom solutions for assessment, development & implementation requirements.

**T&D NETWORK ASSESSMENTS**
- Assessment of existing & potential power demand
- Technical analysis
- Assessment of suitable solution options

**DEVELOPMENT**
- T&D solution development
- T&D solution testing

**IMPLEMENTATION**
- T&D solution manufacture
- Inventory management & supply
- Technical support & service
Design Thinking for Enhanced Efficiencies

Design thinking is more than a buzz word at Sterlite Power. This attitude towards creating future-proofed solutions is reflected in the superior design of its HV and EHV Power Cables. Sterlite offers cutting edge solutions to the power industry and also bolsters the cables industry with cost-effective and efficient solutions - a range of over 110 innovative product designs, that meet the industry’s various requirements.

The Sterlite Power cables advantage:

**Smarter distribution networks: Fiber integrated power cables**

Health monitoring | Communication | Smart SCADA enabled cables

The optical fiber inside the power cables enables easy monitoring and maintenance in the Transmission and Distribution network, thereby ensuring network reliability.

Fiber Integrated Power Cables (FIPC) offer major advantages such as:

- **PREVENTIVE HEALTH MONITORING THROUGH DISTRIBUTED TEMPERATURE SENSING**
- **PARTIAL DISCHARGE MEASUREMENT**
- **OPTIMAL LOADING**
- **HIGH-SPEED COMMUNICATION**

**Improved efficiencies: High ampacity & low loss cables**

Light weight power cables | Low loss UltraEff™ | High ampacity power cables | Robust outer sheath cables

- **METALLURGY BASED SELECTION OF HIGHER CONDUCTIVITY METALS**
- **GEOMETRICAL COMPACTION OF STRANDS**
- **HIGHER GRADRES OF XLPE**
- **UNIQUE SHEATH AND FILLER COMPOUNDS**
Reliable design and execution: 3-Core EHV Cables

Advantages of 3-Core EHV power cables
• No cross bonding required
• High design life with better redundancy
• Easy maintenance and modification (LILO)

Application based sheath bonding options
• Unique multiple, single point bonded networks
• Transposed cross-bonded networks in addition to regular bonding options
• Regular cross bonding networks

Tandem optical fiber network
• Option of selecting integrated fiber network for SCADA communication and health monitoring

End-to-end execution support
• Strong application engineering, design and execution teams

Guaranteed on-time delivery: Setting benchmarks in project execution
Sterlite has a performance record of 100% on-time project delivery. The project execution team foresees any potential execution hurdles to ensure timely completion of the project despite immense delivery pressures. Due to its indisputable reputation of quality delivery, Sterlite is a preferred High Voltage Cable supplier for customers across the world.
Ensuring Excellence

Superior product design
Sterlite Power’s experienced design team studies every RFQ to offer the most optimum products using advanced cable engineering and extends:

- GUARANTEED TECHNICAL PARTICULARS
- PRODUCT DRAWINGS
- TESTING PLANS

Adherence to global standards
In its endeavor to provide customers with truly world class products, Sterlite Power follows stringent quality control processes. Sterlite uses fully automatic CCV Line for manufacturing XLPE cables that offer very high line speeds and precision closed loop controls. State-of-the-art calibrated test equipment and highly experienced engineers and technologists ensure precise quality parameters are met from incoming and in process to finished stages. The cables come with a guarantee of extremely low levels of partial discharges (nearly discharge free) – less than 0.5 % against the requirement of less than 20% as per relevant testing standards.

India's only company with the manufacturing license for 132 KV, 1CX2000 SQ MM power cables with 'BIS' MARKING
High quality raw material input
As part of leading global resources group - Vedanta, Sterlite Power has an added edge over competition vis-a-vis access to the entire value chain of critical raw materials. Sterlite is also the only Indian company that is a ‘Dow Inside’ partner, helping enhance the life of its power cables using “endurance” insulation and high precision manufacturing.

Protective packaging
Sterlite cables are packed in steel cable drums specifically designed to protect the products from damage during handling in transportation and shipping.
Sterlite Power strongly believes in the importance of input quality and process emphasis for superior output. The power cables are manufactured with the best raw materials in the industry and are approved by major approving bodies and leading consultants. They have been fully type tested as per applicable IS and IEC standards. Further, they are also certified for quality and endurance under several international accreditation programmes including the ‘Dow Inside’ Partnership Programme.

This consistent quality benchmarking has led major private and public utilities, industries and major EPCs to choose Sterlite Power cables.
CERTIFICATE OF REGISTRATION

This is to certify that:

Sterlite Power Transmission Limited

Sector 5, Vardhaman Industrial Estate, Bahadurpur Saini, Roorkee Haridwar, Uttarakhand-249403, INDIA

operates a

QUALITY MANAGEMENT SYSTEM

Which complies with the requirements of

ISO 9001:2008

For the following scope:

Design, manufacture and supply of unarmoured and armoured electrical cables for working voltages up to and including 220 KV along with related accessories.

Certificate No: QEC30138

Issued: 24 May 2016
Expires: 14 September 2018

Originally Certified: 30 January 2013
Current Certification: 17 December 2015

Heather Mahon
Acting Head of Policy, Risk and Certification

Registered by:
SAI Global Certification Services Pty Ltd (ABN 19 115 809 580) George Street, Sydney, NSW 2000 Australia with SAI Global Limited
SAI Global is a Chain of Custody member of the JAS-ANZ Registration Scheme.
www.jas-anz.org/register

ISO 9001

www.sai-global.com
CERTIFICATE OF REGISTRATION

This is to certify that:

Sterlite Power Transmission Limited

Sector 5, Vardhaman Industrial Estate, Bahadurpur Saini, Roorkee Haridwar,
Uttarakhand-249403, INDIA

operates an

ENVIRONMENTAL MANAGEMENT SYSTEM

Which complies with the requirements of

ISO 14001:2004

For the following scope:

Design, manufacture and supply of unarmoured and armoured electrical cables for
working voltages up to and including 220 KV along with related accessories.

Certificate No: CEM22053

Issued: 24 May 2016
Expires: 14 September 2018

Originally Certified: 30 January 2013
Current Certification: 17 December 2015

Heather Mahon
Acting Head of Policy, Risk and Certification

SAI GLOBAL
ISO 14001

JAS-ANZ
WWW.JAS-ANZ.ORG/REGISTER

Registered by:
SAI Global Certification Services Pty Ltd (ACN 119 715 699) 500 George Street, Sydney, NSW, 2000 Australia with SAI Global Limited
50 George Street, Sydney NSW 2000 Australia (CSM Global) and subject to the SAI Global Terms and Conditions for Certification.
While all due care and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven
negligence. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. To verify that this
certificate is current please refer to SAI Global On-Line Certification register at www.saiglobal.com.
This is to certify that:

Sterlite Power Transmission Limited

Sector 5, Vardhaman Industrial Estate, Bahadurpur Saini, Roorkee Haridwar, Uttarakhand-249403, INDIA

operates an

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM

Which complies with the requirements of

OHSAS 18001:2007

For the following scope:

Design, manufacture and supply of unarmoured and armoured electrical cables for working voltages up to and including 220 KV along with related accessories.

Certificate No: OHS21570

Issued: 24 May 2016  
Expires: 29 January 2019

Originally Certified: 30 January 2013  
Current Certification: 21 December 2015

Heather Mahon
Acting Head of Policy, Risk and Certification
EMPOWERING HUMANITY
by addressing the toughest challenges of energy delivery