

SuNAM Co., Ltd.

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major business	2G HTS Wire, 2G HTS Magnet, 2G HTS Manufacturing Equipment		

SuNAM, a green energy technology company, has been developing cutting-edge products such as superconducting wires and high field magnet since 2004. It is our ultimate goal that our customers successfully complete their critical project by providing our high performance 2G HTS wires, enabling the differentiation of our customer's product in each application area.

Products



2G HTS Wire

Use Key Materials for High Magnetic Superconducting Power Cable, Magnet&SFCL

Description The 2nd generation HTS wire is ZERO electric resistance coated conductor of the tape type on the metal substrate by the deposition of superconductive ceramic thin films

It is available to replace the existing copper conductor of electrical power system in order to reduce the electric power loss and the size of the system substantially



2G HTS Magnet

Use MRI, NMR, Wind power generators, Large ship propulsion motors

Description Superconducting magnet technology that generates high magnetic field is used not only in various basic science fields, but also in medical imaging such as magnetic resonance imaging(MRI), silicon ingot production, wind power generators and environmental technology

Technical Capacity

» 2G High Temperature Superconducting Wire

A method and system for forming ceramic wires, and a method for manufacturing high-temperature superconducting wires using the same

» 2G High Temperature Superconducting Magnet

Superconducting magnet and manufacturing method of superconducting magnet