AGI Advanced Geosciences, Inc.

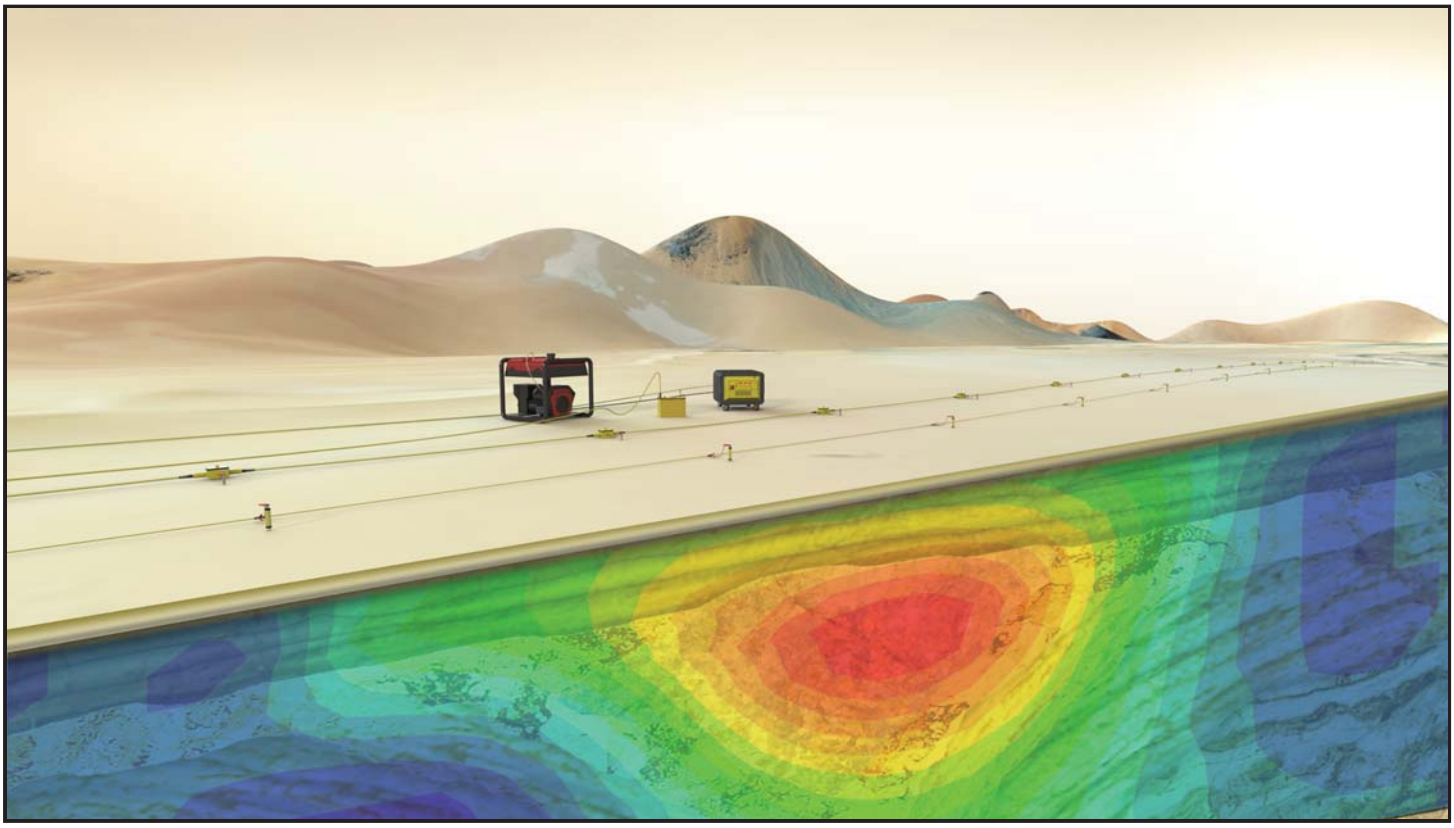
PowerSting Node™

Automatic Programmable High Power Transmitting Electrode

The ***PowerSting Node***™ is used with the AGI ***PowerSting***™ external transmitter and the ***SuperSting***™ series of receivers for high power geo-electrical tomography.

PowerSting™ high power transmitter with motor generator and SuperSting 8-channel receiver

The PowerSting Node™ with emergency shut off, address number display, warning light and sound.



Conceptual drawing of a SuperSting, PowerSting field lay out with power nodes and non-polarizable electrodes

AGI *PowerSting Node*™

The ***PowerSting Node***™ is used with the AGI ***PowerSting***™ high power transmitters and the ***SuperSting***™ series of receivers.

Key Features

- Programmable current electrode switching.
- Automatic node detection along the cable.
- Automatic addressing of electrodes.
- Nodes are reversable.
- Nodes can be placed anywhere along the cable.
- Nodes are swappable.
- Emergency shut off.
- Safety circuit detects when all nodes are installed.
- Audible signal prior to current transmission.
- High intensity strobing LED light signal prior and during current transmission.
- Autodetection/plug and play.

Applications

- Mineral exploration
- Deep geothermal exploration
- Induced polarization (IP) imaging.
- Vertical Electrical Sounding (VES).
- 2D Electrical Imaging.
- 3D Electrical Imaging.
- 3D Offset Electrical Imaging of a 2D Survey Line.

Specifications

Note: These nodes are for transmit only. They are 2-channel devices intended for current injection (A/B usage) only. Cannot be used for receiving purposes due to high voltage specification.

Max current: 5 Amp (standard model)
Max voltage: 2000 V
Max power: 10 kW
Dimensions: 178x108x95 mm (7”x4.25”x3.75”)
Weight: 0.6 kg (1.3 lb)
Temperature: -5° to 50°C

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