

POWERSTING™ External Transmitters

5kW, 10kW, 15kW

with SGS generator & wireless control for
the SuperSting R8/IP/SP or SuperSting R1/IP/SP



AGI PowerSting™ – 5kW, 10kW, 15kW external high power transmitters for the SuperSting R8/IP/SP & SuperSting R1/IP/SP

Specification:

Maximum transmitter power: 5,000W, 10,000 W, 15,000 W

Maximum current output options:

5 kW – 5 Amp (1,000 V), 2.5 Amp (2000 V)

10 kW – 3.3 Amp (High Voltage – 3,000 V), 10 Amp (1,000V), 27 Amp (High Current – 375 V)

15 kW – 15.0 Amp (1,000V), 7.5 Amp (2000 V), 6 Amp (2500 V), 5 Amp (3000 V)

AGI PowerSting 5 kW can be used with any ≤ 7.5 kW off-the-shelf generator.

AGI PowerSting 10 kW and 15 kW must be used with the AGI SGS Generator.

The AGI SGS 15 kW is a custom (made for AGI only) 15,000 Watt AC, 3-phase, 208 volt, 60Hz generator. The AGI SGS 15 kW generator is based on a Honda engine implementation for easy worldwide repair.

The PowerSting is a constant voltage/constant current source.

Instrument auto shut-off on any of the following: input power loss, overheating, over voltage, over current

Weight: 225 lbs (includes field box) for PS10 kW and PS15 kW

Size (including field box): 26.575"W x 36"D x 19.95"H (24.45"H with casters)

Usage: All PowerSting comes with wired connection to the SuperSting

Optional wireless connection to the SuperSting is available.

There are several ways to use the SuperSting and PowerSting together:

1. Vertical Electrical Sounding (VES)
2. 2D Electrical Imaging
3. 3D Electrical Imaging
4. 3D Offset Electrical Imaging of a 2D survey line

Please note: Obstacles such as mountains, hills, trees, foliage and structures that may impede the wireless communication between the SuperSting and the PowerSting can be overcome with the use of one or more SuperSting Wireless Repeater boxes with a LOS (line of sight) range of more than 1 km.

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