

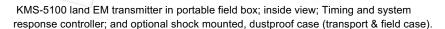
Innovating Solutions

Grounded/Loop dipole EM transmitter

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KMS-5100 -- Options –
100, 150 or 200 kVA
Custom options:
500 kVA – for CCUS & EOR
CSAMT/TFEM – 10, 40 kVA





The KMS-5100 electromagnetic (EM) land transmitter has been developed to provide a controlled current source for geophysical exploration techniques including Time Domain EM (LOTEM & TEM), Frequency domain and Time Domain Induced Polarization (IP) (including Time Frequency EM (TFEM) and Controlled Source AudioMagnetoTellurics (CSAMT)). This multi-function transmitter is ruggedized, portable, compact yet providing reliable maximum output power of 100, 150, or 200 kVA. (Custom 500 kVA and 10, 40 kVA)



KMS Technologies

KJT Enterprises Inc. 11999 Katy Freeway Suite 160 Houston, TX 77079 USA

Tel: +1.713.532.8144

Email: info@KMSTechnologies.com www.KMSTechnologies.com

Product features

- Maximum output: 100, 150 or 200 kVA; for CSAMT 10, 40 kVA
- GPS synchronized timing control
- Long-range wireless for remote control & monitoring
- Linear ramp better than 5 µs turn off characteristic
- Bi-polar reversing ramp time < 20 µs
- Suitable for time domain EM (TDEM or LOTEM), induced polarization (IP), TFEM, CSAMT, FSEM, etc.
- Target depth of 600 m or deeper (shallower for 10 kVA or custom)
- Ideal for deep EM geophysical applications 2-4 km
- Grounded dipole or loop source
- Integrated in KMS array system via KMS-820-T
- Controller has 6 analog (3 unassigned) & (unlimited) digital channels
- Ruggedized design for field operations
- Data is saved to SD card (16-32 GB) and send to CLOUD (optional)

Product specifications









