



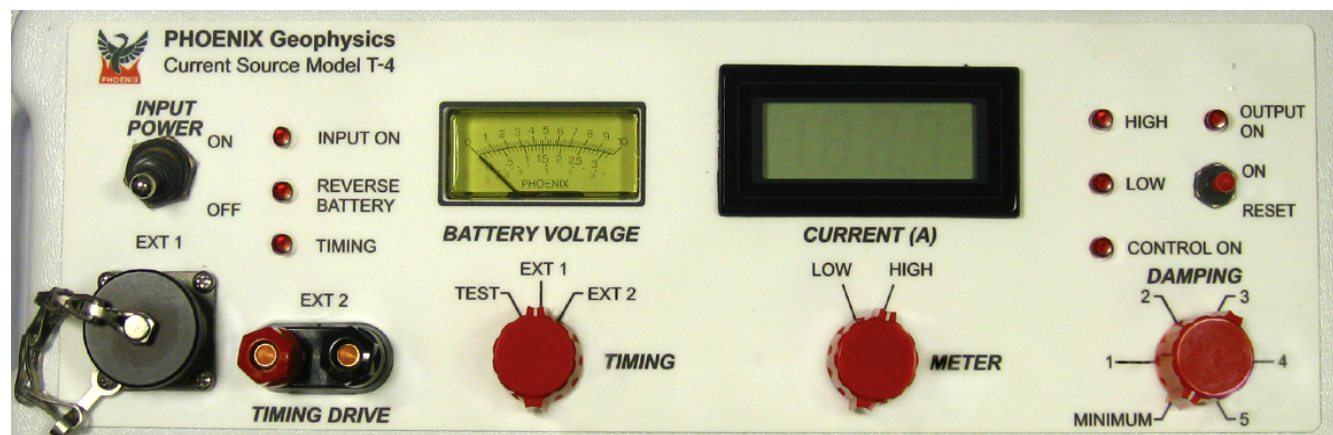
TDEM GEOPHYSICAL SYSTEM

T-4 BATTERY POWERED TDEM

TRANSMITTER



T-4 BATTERY POWERED TEM TRANSMITTER



SPECIFICATIONS

Weight and Dimensions:

10.3 kg; L40 cm x W16 cm x H54 cm

Environmental:

Operating temperature range -20°C/+50°C

Input Power:

Ordinary 12V batteries in series (24V to 72V), or phoenix BP 24/72 selectable-voltage battery pack

Output Current:

Max. 40A (MultiTEM)
5A (FasTEM)

Output Power:

Max. 2.8 kW

Duty Cycle:

Max. 50% for TEM

Repetition Rate:

External control: EXT 1 or EXT 2 (MultiTEM or FasTEM)
Internal control: test only

Turnoff Waveform:

Linear ramp

Turn-Off Time:

MultiTEM Mode (40 Amperes)
250m x 250m Loop: 135 microseconds
100m x 100m Loop: 55 microseconds
50m x 50m Loop: 27 microseconds

FasTEM Mode (5 Amperes)

40m x 40m Loop: 2.7 microseconds

Meters:

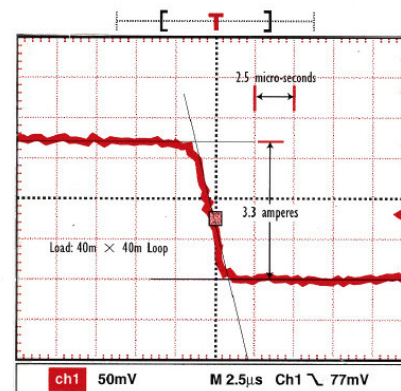
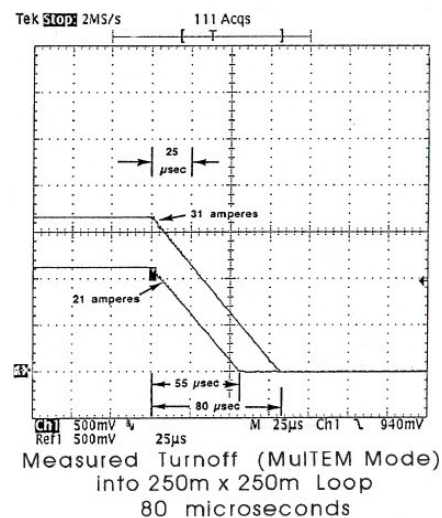
Input battery voltage: 0-100V
Current meter (digital LCD): 0-12A; 0-50A

Controls:

On/Off switch, Timing Mode Selector
Damping Selector, Reset Toggle

Indicators:

Input ON, Battery polarity, Timing ON
Output HI or LO



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