

# HPL 50 High Power Transmitter

## TECHNICAL DATA



### FEATURES

- 50 watt output from mains, internal battery or 12V, DC
- Rugged housing, weather resistant
- Automatic impedance matching
- Built-in frame antenna for inductive locating
- Backlit display with multi-meter (resistance, voltage, current)
- Current Measurement
- Continuous duty on high capacitance loads such as pipelines
- Standard and custom frequencies
- Multi-frequency and pulsed mode
- Software updates via RS232 connection
- External control and multiplex up to 16 directions via PC, cell phone or radio

### STANDARD EQUIPMENT

Transmitter, Mains Cable, Cable Kit, and Cable Bag.

### OPTIONAL EQUIPMENT

12V DC connection kit, radio and cell-phone controller and 16 way multiplexer.

### HPL 50

Output Frequencies:	512Hz, 982Hz, 9.82kHz (user-specific on request)
Output Power:	0...50 W, manually switchable in 0.5W increments, limited to 10 watts at 9.8kHz (FCC)
Impedance Matching:	0.5... 1024 $\Omega$ , automatic
Multi-Frequency:	simultaneous transmission of three frequencies
Multi-Meter Function:	resistance, current, voltage
Power Supply:	Lead Gel 12V/12 amp hours
Operating Time:	>1 hr at 50W, >5 hr at 10W
Charging Time:	6 hrs
Anti Deep Discharge Protection:	for internal battery
Dimensions:	16.1" x 6.9" x 13.2" (410 x 175 x 335 mm)
Weight:	26.4 lbs (12kg)
Operating Temperature:	-20°C to +55°C
Enclosure Protection:	IP54
Regulatory Compliance:	CE, FCC

