The Induced Polarization Transmitters

**TxII-1800 Watts and TxII-3600 Watts Models**

At last, two high-quality affordable IP Transmitters.

**New:** Link two GDD 1800 W or 3600 W IP TX together and increase the power

For Induced polarization surveys, use the new 8 to 32 channels receiver with the proven 1800W/3600W-2400V transmitters.

For Pulse EM, use the GDD IP transmitter to increase current by 400% in a 4km loop.

**TxII-1800 watts - 2400 volts Model**

Its high power, up to 10 amperes, combined with its light weight and a 21 kg/2000W Honda generator makes it particularly suitable for dipole-dipole Induced Polarization surveys.

- Protection against short circuits even at zero (0) ohms
- Output voltage range: 150 V to 2400 V / 14 steps
- Power source: 120 V, Optional: 220 V 50/60 Hz
- Operates from a light backpackable standard 120 V generator
- Displays electrode contact, transmitting power and current
- One year warranty

This backpackable 1800 watts induced polarization (I.P.) transmitter works from a standard 120 V source and is well adapted to rocky environments where a high output voltage of up to 2400 V is needed. Moreover, in highly conductive overburden, at 150 V, the highly efficient TxII-1800 watts transmitter is able to send a current of up to 10 amperes. By using this I.P. transmitter, you obtain fast and high-quality I.P. readings even in the most difficult conditions.

**TxII-3600 watts - 2400 volts Model**

Its high power, up to 10 amperes, combined with a Honda generator makes it particularly suitable for pole-dipole Induced Polarization surveys.

- Protection against short circuits even at zero (0) ohms
- Output voltage range: 150 V to 2400 V / 14 steps
- Power source: 220 V, 50/60 Hz
Induced Polarization Receiver - Instrumentation GDD

This 3600 watts induced polarization (I.P.) transmitter works from a standard 220 V source and is well adapted to rocky environments where a high output voltage of up to 2400 V is needed. Moreover, in highly conductive overburden, at 350 V, the highly efficient TxII-3600 watts transmitter is able to send a current of up to 10 amperes. By using this I.P. transmitter, you obtain fast and high-quality I.P. readings even in the most difficult conditions.

**SPECIFICATIONS**

**TxII-1800W Model**
- **Size:** 21 x 34 x 39 cm
- **Weight:** approx. 20 kg
- **Operating temperature:** -40°C to 65°C

**TxII-3600W Model**
- **Size:** 51 X 41.5 X 21.5 cm - built in transportation box from Pelican
- **Weight:** approx. 32 kg
- **Operating temperature:** -40°C to 65°C

**ELECTRICAL CHARACTERISTICS**

**TxII-1800W and TxII-3600W**
- **Standard time base** of 2 seconds for time-domain: 2 seconds ON, 2 seconds OFF
- **Optional time base:** DC, 0.5, 1, 2, 4 or DC, 1, 2, 4, 8 seconds
- **Output current range:**
  - 0.030 to 10 A (normal operation)
  - 0.000 to 10 A (cancel open loop)
- **Output voltage range:** 150 to 2400 V / 14 steps
- **Ability to link 2 GDD transmitters to double power (Master / Slave) from 3600W to 7200W and voltage from 2400V to 4800V**

Two GDD 3600W-2400V IP transmitters linked together to increase power up to 7200W and voltage up to 4800V.

**CONTROLS**

**TxII-1800W and TxII-3600W**
- **Power** ON/OFF

**DISPLAYS**

TxlI-1800W and TxlI-3600W

- **Output current LCD:** reads to ± 0.0010 A.
- **Electrode contact displayed** when not transmitting.
- **Output power displayed** when transmitting.
- **Automatic thermostat controlled LCD** heater for read-out.
- **Total protection against short circuits** even at zero (0) ohm.
- **Indicator lamps in case of overload:**
  - High voltage ON/OFF
  - Output overcurrent
  - Generator over or undervoltage
  - Overheating
  - Logic fail
  - Open Loop Protection

**POWER**

TxlI-1800W

**Recommended generator:**
Standard 120 V / 60 Hz backpackable Honda generator
Suggested models: EU1000iC, 1000 W, 13.5 kg or EU2000iC, 2000 W, 21.0 kg

TxlI-3600W

**Recommended generator:**
Standard 220 V, 50 / 60 Hz Honda generator
Suggested models: EM3500XK1C, 3500 W, 62 kg or EM5000XK1C, 5000 W, 77 kg

**DESCRIPTION**

TxlI-1800W

**Includes** shipping box, instruction manual and 110 V plug
Optional backpackable frame for transmitter or generator

TxlI-3600W

**Includes** built-in shipping box, instruction manual and 220 V plug
Optional 220 V extension

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