

## RF GENERATOR 450kHz 200W

The RF Generator operates in the frequency band 440kHz – 460kHz with a power level output up to 200 Watt on a 50Ohm load.

All technical characteristics and features, together with a preliminary block diagram, are below described in the table. The RF Generator is enclosed in a custom frame, weight and dimension are indicated in the drawings.



### Features:

- Internal local oscillator
- $V_{RF}$  (output signal voltage)
- $I_{RF}$  (output signal current)
- RF alarm
- VSWR protection

### Control Interface: (Front Panel Available)

- IDC (2x5 pins) connectors
- RF Output: 2 contacts
- Vdc input contacts

The image is purely indicative, just to show the outer layout of the HPA

## 1.0 Technical Specification

Parameters	Frequency (Hz)	Unit	Note
Frequency Range	450k $\pm$ 10	Hz	
Output Power	200	Watt	@50 Ohm load
	100	Vrms	98 min
Interface Conn.	IDC 10 contacts (2x5)		
DC Input	30	V	Mono-phase, 50/60 Hz
Operating Temperature	0 to 50	$^{\circ}$ C	
Storage Temperature	-40 to + 80	$^{\circ}$ C	
Environmental	0 to 40	$^{\circ}$ C	

## 2.0 Block Diagram

