

# GIANT TORTOISE™

HIGH POWER  
3G 4G 5G  
BUILD OUTS

UP TO  
**80**  
WATTS



## FEATURES

- Up to 80 watts of Class AB power output for 3G, 4G and 5G build-outs
- Weighs under 50 pounds with built-in rugged transport wheels
- Dual simultaneous TX module bays for single, dual and wide band configurations
- Water resistant, ruggedized plastic case
- Quad cooling fans with built-in thermal overheat protection
- Power levels, channels and frequencies controlled direct from top panel or included PC software
- VSWR antenna protection and precise (0.1 dBm increments) output power control
- Designed and manufactured entirely in the USA

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# GIANT TORTOISE

## BAND CONFIGURATIONS

1

2

### GIANT TORTOISE SINGLE BAND

100 - 520 MHz 50 or 80 Watts  
520 - 1000 MHz 50 or 80 Watts  
1700 - 2300 MHz 50 or 80 Watts  
1700 - 2700 MHz 50 or 80 Watts  
3000 - 3500 MHz 50 or 80 Watts  
3500 - 4000 MHz 50 or 80 Watts

### GIANT TORTOISE WIDE BAND - SINGLE BAND

540 - 2500 MHz 50 or 80 Watts  
690 - 2700 MHz 50 or 80 Watts

## CHOOSE BETWEEN 2 CW BAND CONFIGURATIONS



### GIANT TORTOISE DUAL BAND

100 - 520 MHz 50 or 80 Watts  
520 - 1000 MHz 50 or 80 Watts  
1700 - 2300 MHz 50 or 80 Watts  
1700 - 2700 MHz 50 or 80 Watts  
3000 - 3500 MHz 50 or 80 Watts  
3500 - 4000 MHz 50 or 80 Watts

### GIANT TORTOISE WIDE BAND - DUAL BAND

500 - 2500 MHz 50 or 80 Watts  
690 - 2700 MHz 50 or 80 Watts

## TECH SPECS

Selectable step sizes of 2.5 kHz, 5 kHz, 15 kHz, 20 kHz, 25 kHz, 50 kHz and 200 kHz. \*Custom frequency bands available

DISPLAY	640 x 240 LCD (1/2 VGA)
STABILITY	Stability better than 1.5 PPM for first year, $\pm$ for 1 PPM for aging
OUTPUT POWER	Continuous adjustable power output from 30 dBm to 47 dBm with $\pm 0.5$ dBm accuracy & 0.1dBm resolution
OUTPUT CONNECTOR	Type 'N' female, 50 Ohm
SPECTRAL PURITY PHASE	-78 dBc/Hz @ 10 kHz offset
NOISE TYPICAL at 2GHz	-105 dBc/Hz @ 100 kHz offset
REMOTE CONTROL	Control via USB connected to any PC
SPURIOUS OUTPUT	> 50 dBc
HARMONICS OUTPUT	> 25 dBc
OPERATING TEMP	-20 degrees C to 35 degrees C
POWER	Internal power supply 100-240 VDC, 5 Amp
INCLUDES	2 Antennae output ports (Type N female) and PC Software
OPTIONS	Pure sine power inverter 600 watts 12 VDC to 120 VAC power