

# GIANT TORTOISE™

HIGH POWER  
3G 4G 5G  
BUILD OUTS

UP TO  
**80**  
WATTS  
(49 DBM)



## FEATURES

- Up to 80 watts (49 dBm) of Class AB Continuous Wave 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

+1 732-548-3737  
www.bvsystems.com  
sales@bvsystems.com



# GIANT TORTOISE

## RF BAND CHOICES

### GIANT TORTOISE SINGLE BAND

**TX1: 500-2700 MHz, 47-49 dBm (50-80 watts)**

or

**TX1: 120-500 MHz, 47-49 dBm (50-80 watts)**

or

**TX1: 2500-6000 MHz, 47-49 dBm (25-50 watts)**

### GIANT TORTOISE DUAL BAND

**TX1: 500-2700 MHz, 47-49 dBm (50-80 watts)  
TX2: 500-2700 MHz, 47-49 dBm (50-80 watts)**

or

**TX1: 120-520 MHz, 47-49 dBm (50-80 watts)  
TX2: 500-2700 MHz, 47-49 dBm (50-80 watts)**

or

**TX1: 2500-6000 MHz, 44-47 dBm (25-50 watts)  
TX2: 2500-6000 MHz, 44-47 dBm (25-50 watts)**

or

**TX1: 500-2700 MHz, 47-49 dBm (50-80 watts)  
TX2: 2500-6000 MHz, 44-47 dBm (25-50 watts)**

## TECH SPECS

Selectable step sizes of 2.5 kHz, 5 kHz, 15 kHz, 20 kHz, 25 kHz, 50 kHz and 200 kHz.

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 37 dBm to 47 or 49 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	> 20 dBc
OPERATING TEMP	-20 degrees C to 35 degrees C
POWER	Internal power supply 100-240 VDC, 10 Amp
INCLUDES	2 Antennae output ports (Type N female) and PC Software
OPTIONS	Pure sine power inverter 1500 watts 12 VDC to 120 VAC power

+1 732-548-3737  
www.bvsystems.com  
sales@bvsystems.com

