

## ZHC518D-1KW DVB-T Transmitter



### 1KW DVB-T Transmitter VHF/UHF

**Professional performance**

**Module design**

**MCU controlled**

**RS485/232 interface**

**8-inch color LCD with touch panel**

**High reliability**

**Low price.**

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**Features:**

- **All solid-state digital TV transmitter, bandwidth is 30MHZ.**
- **Pre-distortion correction, dual-excitors switch automatically.**
- **High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.**
- **Telemetry and remote control by computer, web-based interface and software.**
- **Good man-machine interface, full automatic switch the machine with one key.**
- **Multi protection (over voltage, over current, overheating, large standing-wave ratio ...)high reliability, 24 hours continuous works.**

**Technical Specifications:**

- 1. Working frequency: VHF/UHF**
- 2. Channel bandwidth: 30MHz**
- 3. Output power: 1KW**
- 4. Output impedance: 50Ω**
- 5. Output interface: Φ 40 (1-5/8")**
- 6. Output load return loss: Normal operation: -32dB  
Allowed operation: -20dB**
- 7. Power input level: 0dBm**

- 8. Amplifier input impedance: 50Ω**
- 9. Amplifier input interface: N**
- 10. Useless transmission: ≤-60dB**
- 11. Band fluctuations: ±0.5dB**
- 12. Band shoulder: better than 36dB**
- 13. MER: better than 30dB**
- 14. Size: 1840mm × 1280mm × 680mm**
- 15. Weight: 350KG**