

TS-130S/V SPECIFICATIONS

[GENERAL]

Frequency range:	80m band 3.5—4.0 MHz 40m band 7.0—7.3 MHz 30m band 10.1—10.15 MHz (10.0 MHz WWV) 20m band 14.0—14.35 MHz 17m band 18.068—18.168MHz 15m band 21.0—21.45 MHz 12m band 24.89—24.99 MHz 10m band 28.0—29.7 MHz
Modes:	SSB/CW
Frequency stability:	Within 100 Hz during any 30 minute period after warmup. Within ± 1 kHz during the first hour after 1 minute of warmup.
RF output impedance:	50 Ω
Power requirements:	

TS-130S		TS-130V	
RX: 0.7A	13.8V DC	RX: 0.7A	13.8V DC
TX: 19A	13.8V DC	TX: 4A	13.8V DC

Dimensions:

TS-130S	TS-130V
241(9.6)W x 94(3.8)H x 293(11.7)D mm (inch)	241(9.6)W x 94(3.8)H x 235(9.4)D mm (inch)

Weight:

TS-130S	TS-130V
5.6 kg (12.4 lbs)	4.9 kg (10.8 lbs)

[TRANSMITTER]

*Final power input:

TS-130S	TS-130V
80—15m band 200W PEP for SSB operation 160W DC for CW operation 12—10m band 160W PEP for SSB operation 140W DC for CW operation	All band 25W PEP for SSB operation 20W DC for CW operation

Carrier suppression:	More than 40 dB
Sideband suppression:	More than 50 dB
Spurious radiation:	More than 40 dB
Audio input impedance:	500 Ω —50 k Ω
Audio frequency response:	400—2,600 Hz, within -6 dB

[RECEIVER]

Sensitivity:	0.25 μ V at 10 dB S/N
Selectivity:	SSB/CW WIDE = 2.4 kHz (-6 dB), 4.2 kHz (-60 dB) SSB NARROW = 1.8 kHz (-6 dB), 3.3 kHz (-60 dB) with optional YK-88SN filter CW NARROW = 500 Hz (-6 dB), 1.5 kHz (-60 dB) with optional YK-88C filter or 270 Hz (-6 dB), 1.1 kHz (-60 dB) with optional YK-88CN filter
Image ratio:	More than 50 dB
IF rejection:	More than 70 dB
Audio output power:	1.5W
Audio output impedance:	4—16 Ω

* Will transmit on the new 30, 17 and 12 meter bands. Diodes have been installed to prevent accidental transmission. They may be removed easily when government authorization has been granted for amateur operation.

Note: The circuit and ratings may change without notice due to developments in technology.