

SPECIFICATION

General	
Frequency Range	VHF: 136-174MHz UHF: 350-390/400-470/450-520MHz
Channel Capacity	99
Channel Spacing	12.5KHz
Antenna Impedance	50Ω
Operating Voltage	DC13.8V(±15%), negative ground AC110V/AC220V
Current	< 9A
Operating Temperature	-30℃ ~ +70℃
Storage Temperature	-40℃ ~ +85℃
Dimensions (W×H×D)	2U/19 inches
Weight	14kg
Transmitter	
RF Output Power	5-50W (continuous)
Frequency Stability	≤±0.5ppm (without GPS) ≤±0.02ppm (with GPS)
4FSK Modulation	12.5KHz (data only): 7K60FXD 12.5KHz (data and voice): 7K60FXW
Adjacent Channel Power	≤60dB
Spurious Radiation	-36dBm<1GHz -30dBm>1GHz
Vocoder	AMBE
Receiver	
Sensitivity	3%BER≤0.35μV
Frequency Stability	≤±0.5ppm (without GPS) ≤±0.2ppm (with GPS)
Adjacent Channel Selectivity	≥60dB
Intermodulation Immunity	≥70dB
Spurious Response	≥70dB
Blocking	≥95dB