



CIGNUS Radio

UV-86

QUICK SPECIFICATION:



5 Watts
RF Power



1800mAh
Battery Capacity



128
Channels

AVAILABLE IN



Dualband

VHF & UHF
(136-174MHz & 400-470MHz)

TECHNICAL SPECIFICATION

GENERAL

Frequency range	VHF: 136MHz - 174MHz UHF: 400MHz - 470MHz
Memory channels	128
Frequency stability	2.5ppm
Antenna impedance	50Ω
Operating temperature	-20°C to +60°C
Supply voltage	7.4V Lithium-Ion
Mode of operation	Simplex or semi-duplex
Duty cycle	03/03/54 min. (Rx/Tx Standby)

TRANSMITTER

RF power	5w
Emission class	16K F3E/11K F3E (W/N)
Maximum Deviation	±5KHz/±2.5KHz (W/N)
Spurious emissions	<-60dB

RECEIVER

Receiver sensitivity	0.2 V(at 12dB SINAD)
Intermodulation	60dB
Audio output	1W
Spurious Radiation	≥65dB