



## P25 Series VHF

### 136-174 MHz 250 Watts Output Power

Frequency Range:	4 Ranges: 136-144 MHz (DA), 144-152 MHz (DB), 152-162 MHz (EA), 162-174 MHz (EB)
Operating Voltage:	13.8 VDC
Current Draw:	57 Amperes (Max)
Duty Cycle:	100%
Power Input:	See chart below
Power Output:	250 Watts, set at factory
Spurious & Harmonics:	Meets FCC Requirements
Input/Output Impedance:	50 ohms (Nominal)
Load VSWR Tolerance:	Full Power, Sustained Operation 1.5:1 or better
Indicator LEDs:	DC On, Low Output, High VSWR, High Temp
Alarm:	Summary Alarm Pin ( <b>Open Collector, LOW when Alarm</b> )
Input/Output Connector:	Type 'N' Female
Cooling Method:	Fan Forced Air Over Heat Sink
Operating Temp. Range:	-30° C to +60° C
Storage & Transport:	-40° C to +70° C
Humidity:	80% at +40° C (non-condensing)
Altitude:	10,000 feet maximum

### SIZE

Vertical Mounting:	10.5"
Horizontal Mounting:	19.0"
Depth:	6.0"
Weight:	25 pounds nominal

### POWER INPUT RANGE

Model Description*	Required Power In	Power Output
P25-R1XX1-C6-001	100-200 mW	250 W
P25-R2XX1-C6-001	200-500 mW	250 W
P25-R5XX1-C6-001	500 mW-1 W	250 W
P25-1XX1-C6-001	1-2 W	250 W
P25-2XX1-C6-001	2-5 W	250 W
P25-5XX1-C6-001	5-10 W	250 W
P25-10XX1-C6-001	10-20 W	250 W
P25-20XX1-C6-001	20-50 W	250 W

**\*XX-Insert the letter definition for the frequency range chosen.**

**Cables sold separately. Power supplies are also available for these units.**

**By-Pass and T/R Switch Options are also available for these units.**

Crescend Technologies, LLC · 140 E. State Parkway · Schaumburg, IL 60173  
 Phone: (800) USA-MADE / (847) 908-5400 Fax: (847) 908-5408 · www.crescendrf.com

These specifications are subject to change without notice.