



P25 Series VHF Low Band

30-50 MHz 250 Watts Output Power

Frequency Range:	3 Ranges: 30-36 MHz (AA), 36-42 MHz (AB), 42-50 MHz (AC)
Operating Voltage:	13.8 VDC
Current Draw:	42 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
Input/Output Connector:	Type 'N' Female
Cooling Method:	Fan Forced Air Over Heat Sink
Operating Temp. Range:	-30 ⁰ C to +60 ⁰ C
Storage & Transport:	-40 ⁰ C to +70 ⁰ C
Humidity:	80% at +40 ⁰ 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
P25-2R5XX1-C1-001	2.5-5 W	250 W
P25-5XX1-C1-001	5-10 W	250 W
P25-10XX1-C1-001	10-20 W	250 W
P25-20XX1-C1-001	20-50 W	250 W

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