



P10 Series VHF Low Band

30-50 MHz 100 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:	23 Amperes (Max)
Duty Cycle:	100%
Power Input:	See chart below
Power Output:	100 Watts, set at factory
Spurious & Harmonics:	Meets FCC Requirements
Input/Output Impedance:	50 ohms (Nominal)
Load VSWR Tolerance:	See chart below
Input/Output Connector:	Type 'N' Female
Cooling Method:	Fan Forced Air Over Heat Sinks
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:	7"
Horizontal Mounting:	19"
Depth:	6"
Weight:	10 pounds nominal

POWER INPUT RANGE

<u>Model Description*</u>	<u>Required Power In</u>	<u>Power Output</u>
P10-2XX1-C5-001	2-5 W	100 W
P10-5XX1-C5-001	5-10 W	100 W
P10-10XX1-C5-001	10-20 W	100 W
P10-20XX1-C5-001	20-50 W	100 W

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

LOAD MISMATCH TOLERANCE

Full Power, Sustained Operation	1.5:1 or better
Sustained Operation at Reduced Power	2.5:1

***Cables sold separately.
Power supplies are also available for these units.
See price list at end of catalog for more information.***