

## TECHNICAL SPECIFICATIONS

The PowerSmart 2480 has been designed to provide 24 / 48 VDC or 110 / 220 VAC power to external amplifiers / BUCs, and includes features to support Monitor and Control (M&C) functions for several products. Most DC / AC powered BUCs, SSPAs and TWTA's can be integrated with the PowerSmart 2480, for an efficient and convenient hardware solution to provide POWER plus M&C control to an outdoor transmitter unit.



- 19 inch 1U rack mount unit
- Amplifier functions such as TX Enable / Disable and operational status can be monitored and controlled from a convenient operator control panel.
- The amplifier manufacturer's software can typically be operated from a PC platform through the configurable port, over RS232, RS485 or SNMP interface as required.
- Enabling the Transmit function, monitoring BUC faults and the presence of 10 MHz reference on the IFL, verifying output power level and other common functions along with the rack mount format make the PowerSmart 2480 a value-added solution to higher-powered VSAT applications.
- Configuration parameters, onboard statistics and fault information can be accessed via the amplifier's control interface (if available) through a convenient data port on the panel.
- Optional support for Bias-T, DC Blocker, MUX-T with 10 MHz clock, all in one convenient rack mount enclosure.

### Application Versatility

The iNetVu PowerSmart 2480 is ideal for applications where a VSAT transmitter / amplifier requires more power than a satellite modem can provide over the TX output. This is typical for larger Block Up Converters (BUC) or Power Amplifiers (SSPA, TWTA etc.) that supply over 8 Watts RF output power.

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### Output

Model	<b>P2480A</b>	<b>P2480B</b>	<b>P2480C</b>
Voltage	48 VDC	24 VDC	110 / 220 VAC
Rated Current	10 A	20 A	6.5A / 115 VAC 3.5A / 230 VAC
Rated Power	480 W	480 W	

### Input

	<b>P2480A</b>	<b>P2480B</b>	<b>P2480C</b>
Voltage Range	85 - 264 VAC	85 - 264 VAC	85 - 264 VAC
Frequency Range	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz
AC Current	6.5A / 115 VAC 3.5A / 230 VAC	6.5A / 115 VAC 3.5A / 230 VAC	6.5A / 115 VAC 3.5A / 230 VAC

### Front Panel Switches

Power	ON / OFF
BUC Control	Enable / Disable transmitter

### Compatibility

Supports most AC / DC Powered BUC in the market

### BIAS-T Thruplexer (Optional)

C-COM standard	L-Band and 10 MHz pass (not generated)
C-COM Mux-T	Provides 10 MHz Reference Generation Capability L-Band pass, plus 10 MHz Clock, plus DC / DC Block

### PC Interface

DB9 on front panel used to access BUC Software via PC

### BUC Interface

RS-232	BUC / AMP dependent - P2480 Adaptable / configurable
RS-485	BUC / AMP dependent - P2480 Adaptable / configurable
SNMP	BUC / AMP dependent - P2480 Adaptable / configurable

### Environmental

Operational Temperature	-20° C to +60° C
Storage Temperature	-40° C to +85° C
Humidity	10 - 95% RH

### Physical

Dimensions	W: 48.3 cm D: 36.2 cm H: 4.5 cm
Weight	6.3 Kg

### Certifications

FCC, CE, QPS

### Warranty

Standard	2 years
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