

**18-26.5GHz 50W CW Power Amplifier**

➤ **Features**

- Class AB solid state design
- Power level/Output VSWR display
- Protected against over heat/ over current/over VSWR



➤ **Applications**

- Communication
- EMC

➤ **Electrical Specifications**

Parameter	Specification	Notes
Frequency	18-26.5GHz	
Psat	50W Min.	
Gain	47dB Min.	
Gain Flatness	± 4.5dB	
Input VSWR	2:1 Max	50 Ω
Output VSWR	2.5:1 Max	
Harmonics	-20 dBc Typ.	
Spurious	-60 dBc Max.	
Power Supply	100-240V/50-60Hz	
Power Consumption	300W Max.	At 10W output
Input Power	5dBm Max.	
Power Display Accuracy	± 0.5dB	

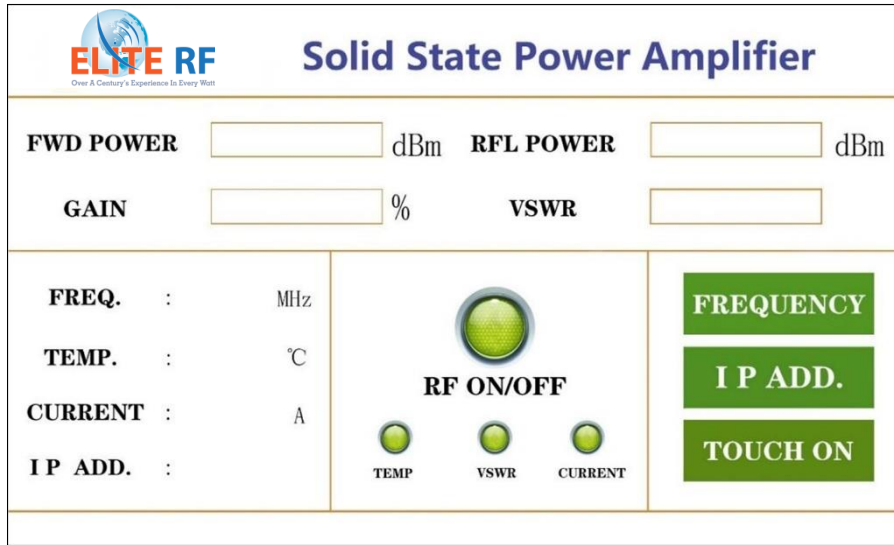
➤ **Environmental Characteristics**

Parameter	Specification	Notes
Operation Temperature	0 - +40 °C	
Storage Temperature	-20 - +75 °C	
Relative Humidity	5 - 95%	

➤ **Other Specifications**

Parameter	Specification	Notes
Dimensions	4U	
In/Out Connector	2.92-F/WR-42	
Weight	35kg Max	
Cooling	Fan Cooling	
Control interface	LAN/USB	

➤ **User Interface**



➤ **Outline Drawing**

Just for Reference

