

1-6GHz 100W CW Power Amplifier

➤ **Features**

- Class A 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	1-6GHz	
Psat	100W Min.	
P1dB	50W Min.	
Gain	50dB Min.	
Gain Flatness	±4dB	±3dB@1-4GHz
Input VSWR	2:1 Max	50Ω
Output VSWR	2:1 Max	
Harmonics	-15dBc Typ.	
Spurious	-55dBc Max.	
Power Supply	220V	
Power Consumption	1500WMax.	At 100W output
Input Power	5dBm Max.	
Power Display Accuracy	±0.5dB	

➤ **Environmental Characteristics**

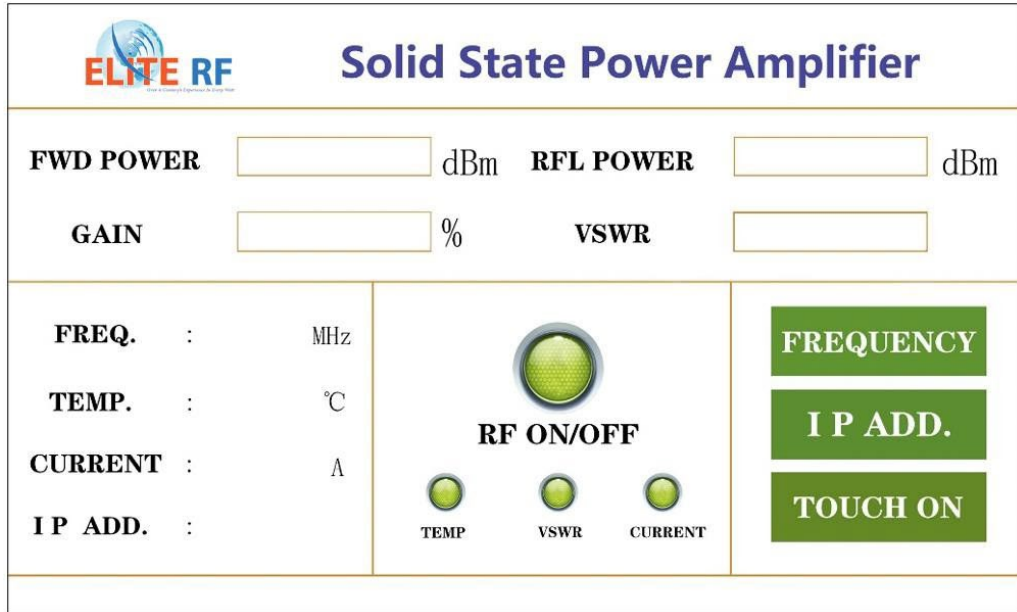
Parameter	Specification	Notes
Operation Temperature	0 - +40 °C	
Storage Temperature	-20 - +75 °C	
Relative Humidity	5 - 95%	

➤ **Other Specifications**

Parameter	Specification	Notes
Dimensions	4U	
In/Out Connector	N-F/N-F	
Weight	40kg Max	
Cooling	Fan Cooling	

Control interface	LAN/USB	
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➤ User Interface



➤ Outline Drawing

Just for Reference

