

DB027040G4747AC

Solid State Power Amplifier

26.5 - 40 GHz 50W CW Amplifier System

➤ Features

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

➤ Applications

- Radar/Telecom/Satcom
- Defense



➤ Electrical Specifications

Parameter	Specification	Notes
Frequency	26.5- 40 GHz	
Pout	≥50W	
Gain	47dB Min.	
Gain Flatness	± 4dB	
Input VSWR	3:1 Max	50Ω
Harmonics	-20dBc Typ.	
Spurious	-60dBc Typ.	
Power Supply	220V	
Power Consumption	500W Max.	At rated output
Input Power	5dBm Max.	
Power Display Accuracy	± 0.5dB	

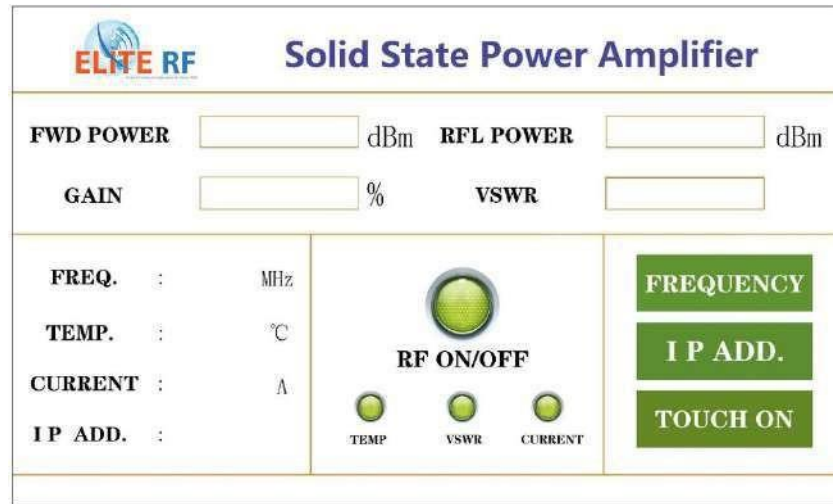
➤ Environmental Characteristics

Parameter	Specification	Notes
Operation Temperature	0 - +40 °C	
Storage Temperature	-40 - +85 °C	
Relative Humidity	5 - 95%	

➤ Other Specifications

Parameter	Specification	Notes
Dimensions	4U	
In/Out Connector	2.92-F/WR-28	
Weight	40kg Max	
Cooling	Fan Cooling	
Control interface	LAN/USB	

➤ Home Screen



➤ Outline Drawing

Just for Reference

