

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 | 50 Ω |
| 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 | |

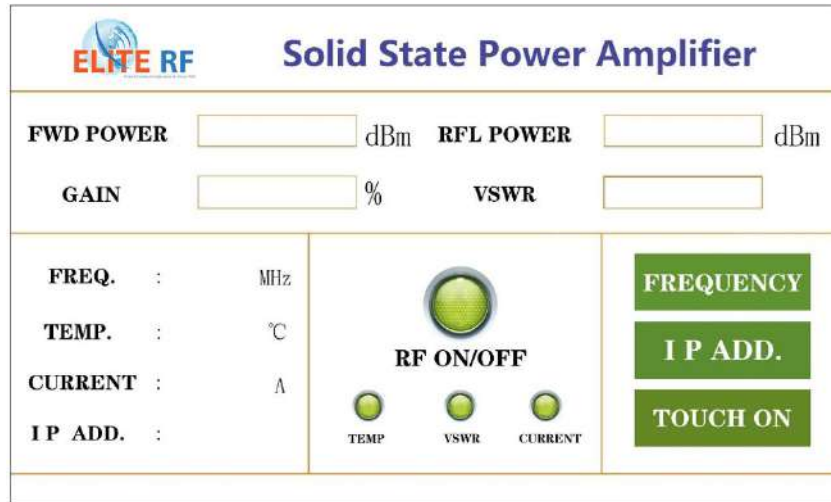
➤ Environmental Characteristics

| 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-42 | |
| Weight | 40kg Max | |
| Cooling | Fan Cooling | |
| Control interface | LAN/USB | |

➤ Home Screen



➤ Outline Drawing

Just for Reference

