

**6-18GHz 100W CW Power Amplifier**

➤ **Features**

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

➤ **Applications**

- Communication
- Defense



➤ **Electrical Specifications**

| Parameter              | Specification | Notes           |
|------------------------|---------------|-----------------|
| Frequency              | 6-18GHz       |                 |
| Psat                   | 100W Min.     |                 |
| P1dB                   | 40W Min       |                 |
| Gain                   | 50dB Min.     |                 |
| Gain Flatness          | ± 4dB         |                 |
| Input VSWR             | 2:1 Max       | 50 Ω            |
| Harmonics              | -15 dBc Typ.  |                 |
| Spurious               | -55 dBc Typ.  |                 |
| Power Supply           | 220V          |                 |
| Power Consumption      | 2500WMax.     | At rated output |
| Input Power            | 10dBm Max.    |                 |
| Power Display Accuracy | ± 0.5dB       |                 |

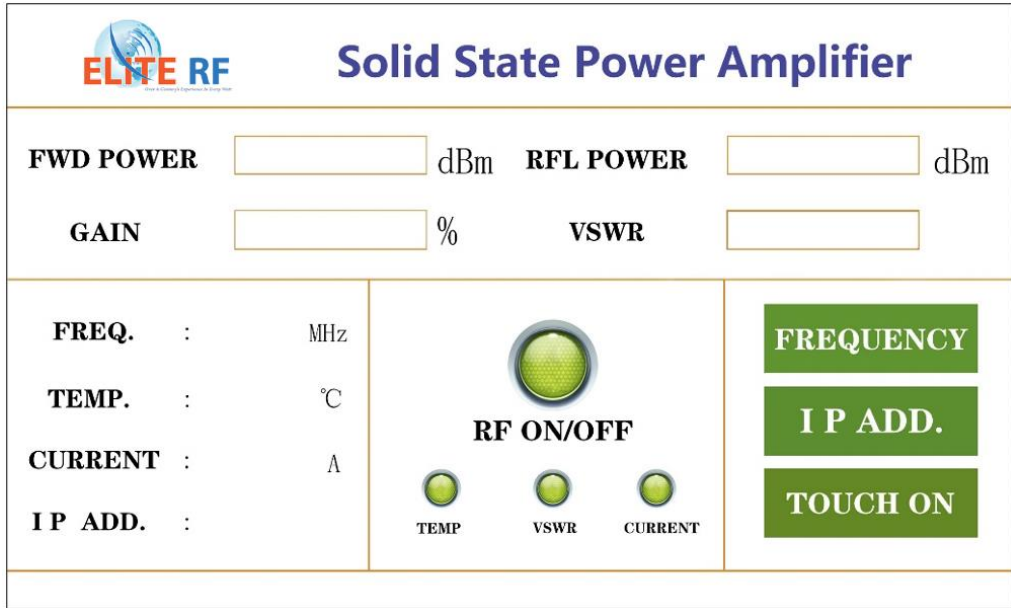
➤ **Environmental Characteristics**

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

➤ **Other Specifications**

| Parameter         | Specification | Notes |
|-------------------|---------------|-------|
| Dimensions        | 6U            |       |
| In/Out Connector  | N-F/N-F       |       |
| Weight            | 55kg Max      |       |
| Cooling           | Fan Cooling   |       |
| Control interface | LAN           |       |

➤ Home Screen



➤ Outline Drawing

Just for Reference

