

## MAIN FEATURES

- ❖ 200W CW output RF power
- ❖ Class AB operation
- ❖ Compact size
- ❖ Over temperature protection
- ❖ Forward power detection



## DESCRIPTION

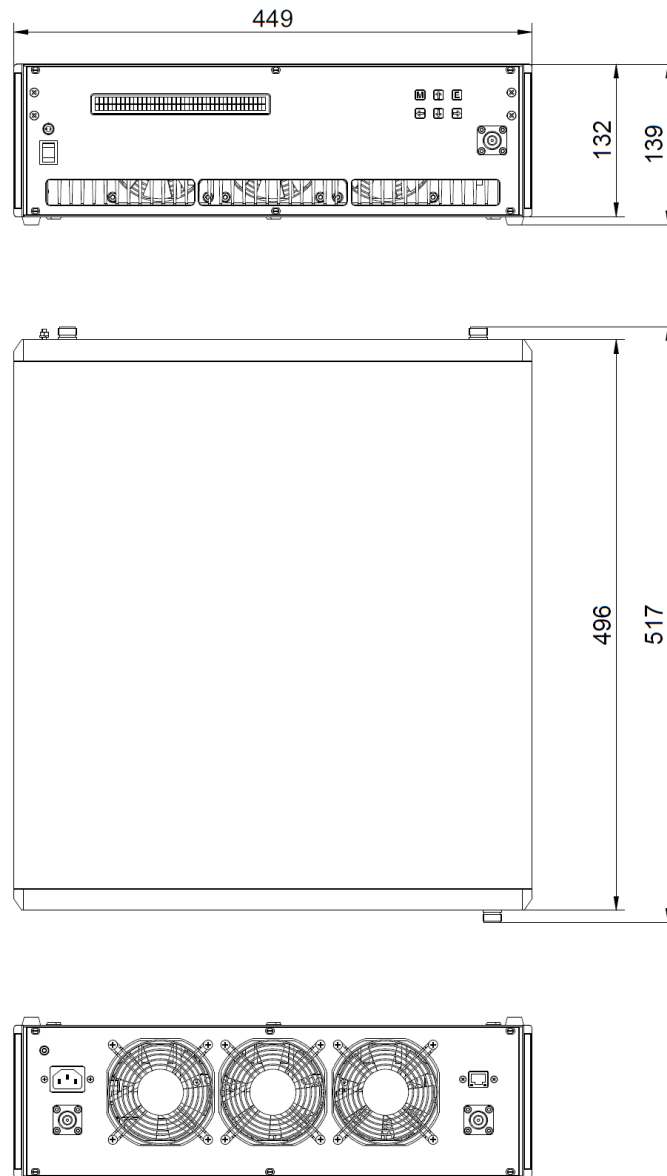
This High Power Amplifier is intended for use mainly in high power linear applications. It's compact size, high efficiency and well isolated RF output guarantee long trouble free operation. Wide range of monitored and controlled parameters provide detailed status information for the user.

## SPECIFICATIONS

GENERAL CHARACTERISTIC	
Frequency Band	2200 to 2300 MHz
Output Power	53 dBm (200 W) min. @ 2.2 - 2.3GHz (52dBm (150W) min. @ 2.3 - 2.5GHz)
Nominal Gain	65 dB min. @ 2.2 - 2.3GHz (60 dB typ. @ 2.5GHz)
Gain flatness	+/-1 dB
Maximum input power	+5 dBm
Gain adjustment range	20dB @ 0.1dB step (55dB to 75dB)
Input and Output Impedances	50 Ohms
Input and Output VSWR	1.3:1
RF Input Connector	N-F
RF Output Connector	N-F
Harmonics	-35dBc
Spurious	-60dBc
Output sample	-50 dBc typ.
Noise figure	15dB
Power Supply	200-260VAC; 45-55Hz
Power consumption	approx. 700W @ 200W RF Pout
Protections	Against high load mismatch, high temperature, overcurrent
Remote control	Ethernet
Local control	LCD display and push buttons (optional)
Cooling	Forced air with inbuilt fans
Operating Temp. Range	+5 to +50°C
Weight	approx. 20kg

Specifications are subject to change without notice.

## OUTLINE DRAWING (mm)



## ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
BPBS76K11298	BPBS76 200W, S-band 2200-2300 MHz, single indoor SSPA

## DOCUMENT REVISION

DOCUMENT NAME	REVISION	DATE
BPBS76-LM-K11298	V01	14/09/2023