



产 品 手 册

仪器型号: BONN 射频功率放大器 BSA 1025-1250

西安安泰测试科技有限公司

仪器维修|租赁|销售|测试

地址:西安市高新区纬二十六路 369 号

网址: www.agitekservice.com

电话: 400-876-5512

座机: 029-88827159

STANDARD MODELS

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BSA 1025-1250	100 kHz ... 250 MHz	1250 / 1350	61 / 63 ± 2	20 / 20	6500	10 HU, 630 mm	110

1 HU = 44.45 mm

STANDARD SPECIFICATIONS

Input Power:	0 dBm (1 mW) max.
Overdrive Protection:	up to +10 dBm for no damage
Input Impedance:	50 Ohm nominal
Output Impedance:	50 Ohm nominal
Input VSWR:	<2:1 typ.
Load VSWR:	infinite for no damage (100% mismatch tolerant)
	P_N -0.5 dB min. at VSWR 2:1
Spurious (at P_N):	-60 dBc min. (excluding harmonics)
Class of Operation:	A-linear

GENERAL

RF Input:	N-f, standard on rear panel
RF Output:	7-16-f, standard on rear panel
Mains Supply:	3x 400 V AC $\pm 10\%$, 47 ... 63 Hz
Elapsed Time Meter:	via status display
Ambient Temperature:	0 ... +45 °C
Storage Temperature:	-20 ... +85 °C
Relative Humidity:	up to 95% (non-condensing)
Operating Altitude:	up to 2000 m above sea level
Vibration and Shock:	MIL-STD-810 G
Cooling:	forced air with integral blower air intake from front, air exhaust at rear Option W: Liquid cooling External heat exchanger required

OPTIONS

A) RF Monitor Outputs	L) LAN Remote Control
B) External Dual Directional Coupler	R) RS-232C/RS-485 Remote Control
C) IEEE-488.2 GPIB Remote Control	S) Internal RF Switching Unit
D) Front Panel RF Connectors	U) USB Remote Control
E) RF Power Indication (digital)	W) Liquid Cooling
F) Gain Adjustment	X) External Control of other Amplifiers

BSA 100 kHz ... 250 MHz Solid State Amplifiers

H) DC Supply

(XL) Rack width 800 mm