

## 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
BLWA 0850-60	80 ... 500 MHz	60 / 70	47.8 / 50 ±2	20 / 18	300	2 HU, 430 mm	14
BLWA 0850-200	80 ... 500 MHz	200 / 240	53 / 55 ±2	20 / 20	950	3 HU, 630 mm	27

For individual data sheets, please click on the above model name

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 $P_N$ ):	-50 dBc typ. (excluding harmonics)
Class of Operation:	A linear or A-B linear

## GENERAL

RF Input:	N-f, standard on rear panel
RF Output:	standard on rear panel
	$P_N$ up to 1 kW    N-f
	$P_N$ >1 kW        7-16-f
	$P_N$ >2 kW        13-30-f or 1 5/8" EIA
Mains Supply:	Line Power:
	<1000 VA            100 ... 240 V AC ±10%
	1000 ... 3000 VA    200 ... 240 V AC ±10%
	>3000 VA            3x 400 V AC ±10%
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

## OPTIONS

A) RF-Sample Ports	I) 3x 208 V AC / 60 Hz
B) External Dual Directional Coupler	L) LAN Remote Control
C) IEEE-488.2 GPIB Remote Control	S) Internal RF Switching Unit
D) Front Panel RF Connectors	R) RS-232C Remote Control
E) RF Power Indication (digital)	U) USB Remote Control
F) Gain Adjustment	W) Liquid Cooling

**BLWA** 80 ... 500 MHz  
Solid State Amplifiers

H) DC Supply

X) External Control of other Amplifiers