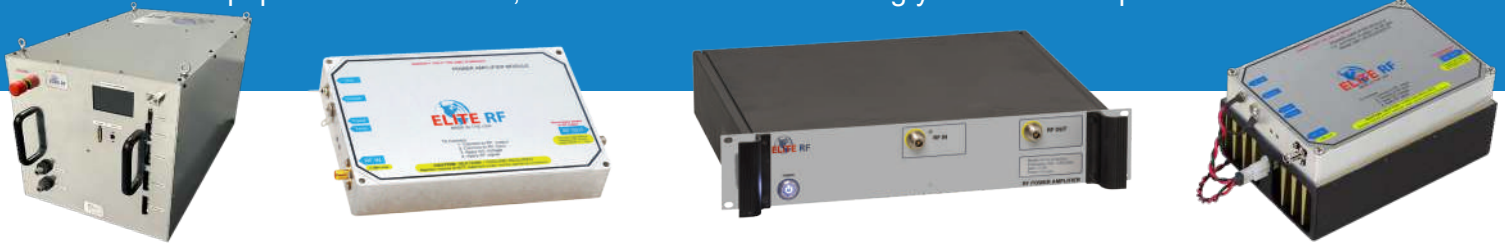


# Solid State RF Amplifiers for Defense, Medical, Aerospace, EMC Test, Commercial, Industrial and Research Applications

We specialize in solid-state RF and microwave power amplification technology with a strong emphasis on customer satisfaction. Utilizing our in-house team of RF engineering experts and advanced production facilities, we build robust RF amplifiers up to 40GHz and 100kW of power. From custom requirements to off-the-shelf availability, we collaborate with our customers to offer a cost-effective amplifier with industry leading warranty. Please see our popular models below, and contact us for discussing your custom requirements.



## Gold Series - Models upto 18GHz

Part Number	Frequency Min	Frequency Max	Psat (Watts)
MB030512M504850	30 MHz	512 MHz	100
MB030512M534850	30 MHz	512 MHz	200
MB.026.0G434350	20 MHz	6000 MHz	20
MB.502.5G404028	500 MHz	2500 MHz	10
MB.502.5G504050	500 MHz	2500 MHz	100
MB.502.5G534850	500 MHz	2500 MHz	200
MB2.42.5G544850	2400 MHz	2500 MHz	250
MB2.42.5G574850	2400 MHz	2500 MHz	500
MB1.06.0G454824	1000 MHz	6000 MHz	35
MB2.06.0G444828	2000 MHz	6000 MHz	25
MB2.0018G333024	2000 MHz	18000 MHz	2
MB2.0018G434822	2000 MHz	18000 MHz	20
MB6.0012G444820	6000 MHz	12000 MHz	25
MB6.0018G434820	6000 MHz	18000 MHz	20
MP8.011G534828	8000 MHz	11000 MHz	200

## New Released Amplifiers for EMC Test

Part Number	Frequency Min	Frequency Max	Psat (Watts)
MB4K400M5252AC	4 KHz	400 MHz	150
MB9K400M5352AC	9 KHz	400 MHz	200
MB9K100M5755AC	9 KHz	100 MHz	500
MB9K100M6060AC	9 KHz	100 MHz	1000
MB9K100M6464AC	9 KHz	100 MHz	3000
MB.081.0G5757AC	80 MHz	1000 MHz	500
MB.081.0G6058AC	80 MHz	1000 MHz	1000
MB.706.0G5048AC	700 MHz	6000 MHz	100
MB.706.0G5352AC	700 MHz	6000 MHz	200
MB1.02.0G5755AC	1000 MHz	2000 MHz	500
MB1.06.0G5348AC	1000 MHz	6000 MHz	200
MB2.06.0G5348AC	2000 MHz	6000 MHz	200
MB2.06.0G5752AC	2000 MHz	6000 MHz	500
MB6.0018G5348AC	6000 MHz	18000 MHz	200
MB018027G4748AC	18000 MHz	26500 MHz	50
MB026040G4748AC	26500 MHz	40000 MHz	50

All MB/MP series RF amplifier modules mentioned above require DC Voltage. Any model can be mounted on an air cooled/ water cooled heatsink for thermal dissipation. All modules can be built in to 19-inch rack system equipped with heatsinks and are designed to function within a voltage range of 100-240 VAC. Amplifier rack systems can be identified by part numbers starting with AB/AP/AA.

**Elite RF LLC, 1700 Tower Dr, Hanover Park, IL 60133 USA**

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**www.eliterfllc.com**



# Solid State RF Amplifiers for Defense, Medical, Aerospace, EMC Test, Commercial, Industrial and Research Applications



## New Released Amplifiers up to 40GHz

Part Number	Frequency Min	Frequency Max	Psat (Watts)
MB1.06.0G4748AC	1000 MHz	6000 MHz	50
MB1.06.0G5048AC	1000 MHz	6000 MHz	100
MB2.06.0G4748AC	2000 MHz	6000 MHz	50
MB2.06.0G5050AC	2000 MHz	6000 MHz	100
MB2.08.0G4948AC	2000 MHz	8000 MHz	80
MB6.0012G474820	6000 MHz	12000 MHz	50
MB6.0018G4748AC	6000 MHz	18000 MHz	50
MB6.0018G5050AC	6000 MHz	18000 MHz	100
MB135155G4040AC	13500 MHz	15500 MHz	50
MB144154G4040AC	14400 MHz	15400 MHz	50
MB018027G4040AC	18000 MHz	26500 MHz	10
MB026040G4040AC	26500 MHz	40000 MHz	10
MB026040G4040AC	26500 MHz	40000 MHz	10
AB1.5018G4748AC	1.5 MHz	18000 MHz	50
AA.01030G3025AC	10MHz	30000 MHz	1
AA.50030G2738AC	500MHz	30000 MHz	1

All MB/MP series RF amplifier modules mentioned above require DC Voltage. Any model can be mounted on an air cooled/ water cooled heatsink for thermal dissipation. All modules can be built in to 19-inch rack system equipped with heatsinks and are designed to function within a voltage range of 100-240 VAC. Amplifier rack systems can be identified by part numbers starting with AB/AP/AA.

## Solid-State Microwave Generators

Solid State Microwave Generator System for Nuclear Fusion, Lab Grown Diamonds, Directed Energy, Plasma Generation, Industrial Drying, Biowaste Disposal, Research Applications (New Reliable Technology to replace Magnetrons globally)

Part Number	Frequency Min	Frequency Max	Microwave Power (Watts)
HPG2.453KW	2400	2500	3000
HPG2.456KW	2400	2500	6000
HPG2.4512KW	2400	2500	12000
HPG2.45XXKW	2400	2500	<100kW
HPG915XXKW	902	928	<100kW

All HPG systems mentioned above have internal signal generators and requires AC voltage input and water cooling .



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