

RF POWER AMPLIFIER



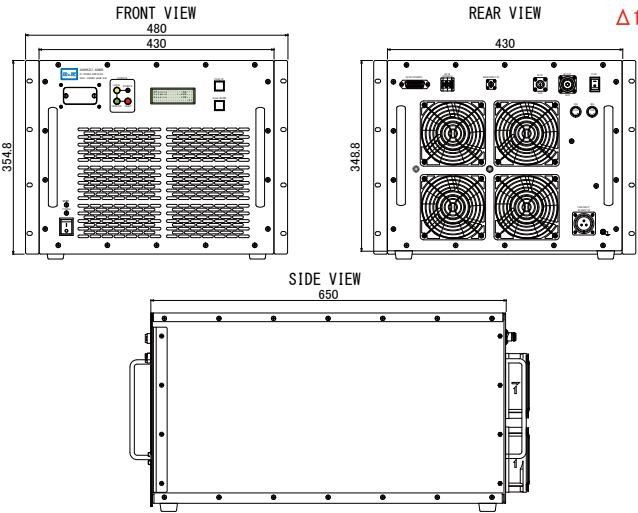
2021 Model

A009K251-6060R



OUTLINE DRAWING

※IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz~250MHz
- Output Power (CW) : 1kW (min.) @3dB Comp.

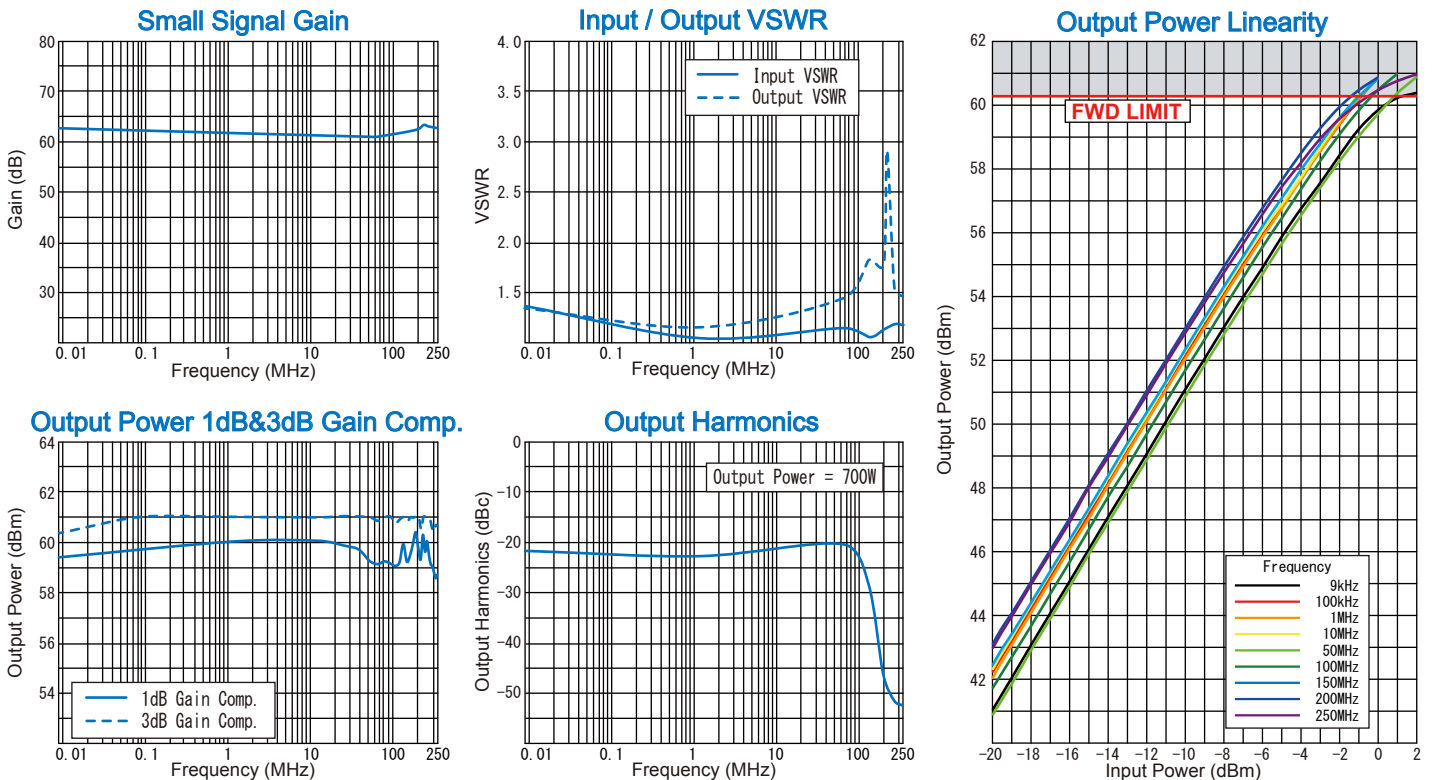
APPLICATION

- EMC (Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 250MHz
Small Signal Gain	: +60.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power (CW)	: 1kW (min.) @3dB Comp. : 700W (min.) @1dB Comp.
Operation Mode	: Class A
Harmonics	: -20.0dBc (max.) @Po=700W
Spurious	: -70.0dBc (max.) @Po=700W
Impedance	: 50Ω
Input Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.)
Output Return Loss	: 6.0dB (min.) / VSWR : 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V±15%/1φ, 50/60Hz, 5kVA(max.)
Operating Temperature	: 0°C to +35°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF - IN N - FEMALE @REAR PANEL : RF - OUT 7/16" - FEMALE @REAR PANEL
Size	: (W)430mm × (D)650mm × (H)354.8mm (EIA:8U) *Excluding Projection
Weight	: 58.5kg (typ.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection : Power Supply Voltage Protection : Output Over Power Protection (@1.1kW) : Output Over Reflected Power Protection (@420W)
Remote Interface	: [Standard] GPIB (IEEE-488) : [Optional] Ethernet, RS-232C
Other Functions	: R&K Multi Monitoring System : Safety Interlock (EMERGENCY)

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE Δ1 27/Aug./2021

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