JSH060180G5050R 6-18 GHz 100W SOLID STATE HIGH POWER AMPLIFIER RACKMOUNT

Microwave Technology & Soulution

FEATURES

- Wide Bandwidh
- Low Power Consumption
- Low Noise Figure
- Miniature Sizes, Field Removable connector
- Compact/Rugged Thin-Film Construction

APPLICATIONS

- Microwave Radio & VSAT
- Military & Space
- Test Instrumentation
- Fiber Optics

ELECTRICAL SPECIFICATIONS@25˚C:

Parameter	Min	Typical	Max	Units
Frequency Range	6		18	GHz
Gain	50			dB
Small Signal Gain Flatness		±1.5		dB
Noise Figure				dB
Output Power (Psat)	100			Watt
Spurious		-60		dBc
Harmonics		-10		dBc
Input VSWR			2:1	Ratio
Inpuut Voltage		220VAC		
Human-computer Interface	touch screen LCD:FWD Power,REV Power,Temperature,Voltage,Current			
Program Control Interface	RS232 and Ethernet			

Note:1.Forced Air Cooling.
2.Over Temperature Protection; Over Voltage Protection; Over Current Protection; Over REV VSWR Protection.

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power		+10		dBm
Operating Temperature	-10		+50	˚C
Non-operating Temperature	-20		+70	˚C
Relative humidity (non-condensing)		90		%
Altitude		TBD		feet
Shock / Vibration		TBD		

JS Microwave technology and Solution Co. Ltd.
62A Willoughby Ln, London N17 0SS United Kingdom salas@jsmicrowave.com www.jsmicrowave.com +44 74 888 112 62

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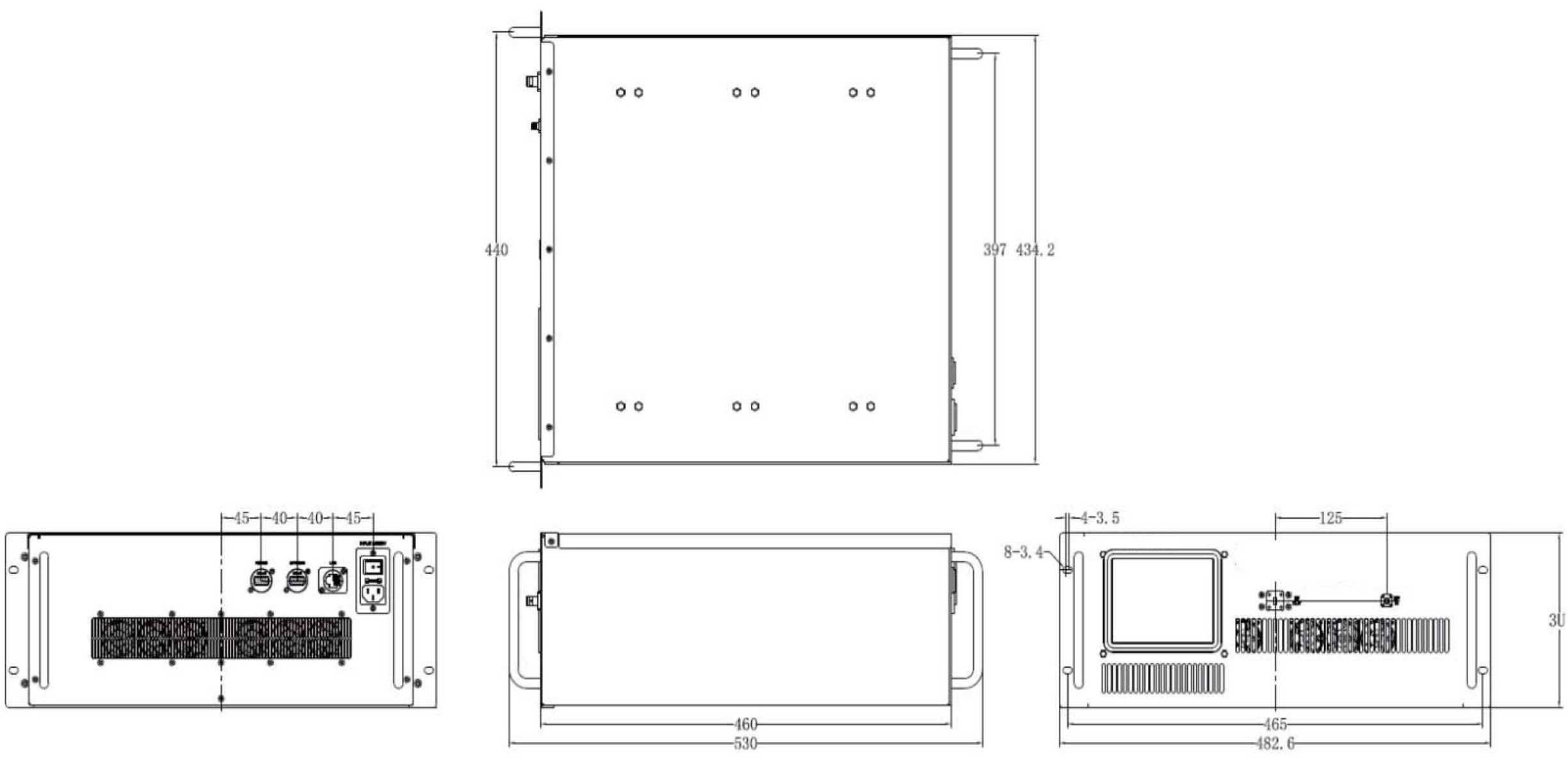
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	3U		Milimeter
Weight	12		Kg
RF Connectors Input	SMA-F		
RF Connectors output	WRD500		
Output Coupling Connectors	SMA-F		
Impedance			ohms

OUTLINE DRAWING(mm):



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