



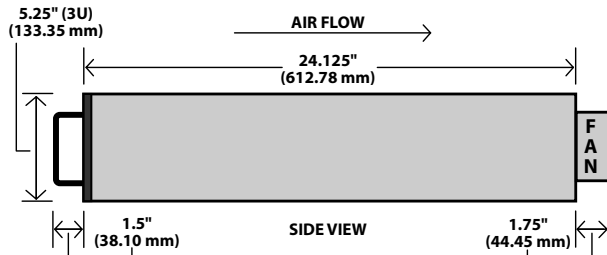
The world's leading supplier of broadband power amplifiers.

Model #: SM-915-1.5E2 Frequency Range: 915 ± 1 MHz

### Specifications\*



Operating frequency	915 ± 1 MHz
CW power	0-150 W (min.)
Harmonic content (2nd/3rd)	-20 dB/ -12 dBc, typ.
Output impedance	50 ohms (nominal)



#### Communication Power Corporation

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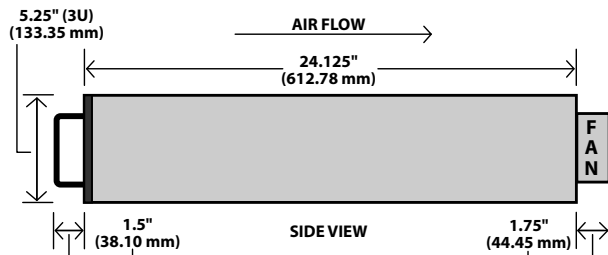
\* CPC reserves the right to change specifications without notice.



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## System Features



### Protection functions:

- Auto/manual fault reset
- Maximum output power
- Over temperature
- Power supply over voltage

### Controls, front panel:

- AC power on/off
- Forward/ Reflected RF Power
- Fault reset

### Connectors, rear panel:

- AC mains, Receptacles, EMI filtered
- RF output: Type N (F)
- Interface: 25 pin D (F), EMI filtered
- Fwd/ Ref RF sample: SMA (F)
- Protective ground: threaded bolt

### Front panel indicators:

- AC power on
- Standby mode
- Power supply status
- Thermal fault

### Interface functions:

- (C= Control Input F= Flag Output)
- Standby (C/F)
- Power supply (F)
- RF overdrive (F)
- Thermal (F)

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