

TABLE 1-1. SPECIFICATION

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| FREQUENCY COVERAGE: | 8 kHz to 111 kHz in two bands |
| FREQUENCY STABILITY: | Better than .1% after 15 minute warm-up |
| FREQUENCY SETTABILITY: | Better than ± 2 Hz using frequency vernier |
| MATCHED OUTPUT LOAD IMPEDANCE: | 50 ohms; the unit will supply full rated power to any load impedance between 40 and 56 ohms resistive |
| MAXIMUM GENERATOR POWER OUTPUT: | More than 2600 watts, 8 to 14 kHz; More than 2300 watts, 14 kHz to 70 kHz; More than 2000 watts, 70 kHz to 100 kHz; More than 2200 watts, 100 kHz to 111 kHz. |
| POWER REQUIREMENTS: | 230 volts $\pm 8\%$, 50-60 Hz; fused line at 35 ampere capacity, minimum. |
| MISMATCH PROTECTION: | The unit will tolerate 600 watts of power reflected from any load impedance, subject to operation of the thermal protection. Instantaneous overload protection is provided should the load impedance exceed allowable limits. |
| THERMAL PROTECTION: | Thermostatic protection provides automatic cut-out should the power transistors overheat due to load mismatch or cooling system failure. Automatic reset upon cooling. |
| POWER METER: | True average reading accurate to better than ± 2 percent of full scale. Front panel switch permits measurement of the forward power (power leaving the generator) and the actual power absorbed by the load. |

TABLE 1-1. SPECIFICATION (Cont'd)

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| OPERATING TEMPERATURE: | 0 degrees to 45 degrees Celsius Ambient |
| SIZE: | 25 3/4 x 17 x 22 1/2 inches 65.4 x 43.2 x 55.9 cm |
| WEIGHT: | 135 lbs; 61 kg |