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A STERLING ELECTRONICS COMPANY

SPECIFICATIONS

MODEL S7120 MOD 60

SINGLE PHASE SINE WAVE POWER SOURCE

| | |
|-----------------------|---|
| Output Configuration: | 2 wire (floating) |
| Output Voltage: | 26.5V RMS |
| Output Power: | 120VA. |
| Load Power Factor: | .7 lead to 0 lag |
| Output Frequency: | 400 Hz $\pm 0.25\%$ @ 25°C |
| Distortion: | .25% |
| Amplitude Stability:* | |
| Vs. load: | $\pm 0.01\%$ NL-FL with remote sensing |
| Vs. line: | $\pm 0.01\%$ for 10V line change |
| Vs. time: | $\pm 0.01\%$ /week after warm-up |
| | $\pm 0.04\%$ /1000 hrs after normal warm-up |
| Vs. temp: | $\pm 0.005\%$ /°C average from 15°C to 50°C |

*Measurements made using an average sensing voltmeter.

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|----------------------|--|
| Ambient Temperature: | 0°C to 50°C |
| Overload Protection: | Output may be short circuited indefinitely, recovery is automatic when short is removed. |
| Construction: | All silicon solid state |
| Line Power: | 115V $\pm 10V$, 60 Hz |
| Panel Height: | 7" high standard rack panel |

Addendum: 10 June 1970: Rear Connector to be AN Type.

Addendum #2: 30 June 1970: Front Panel Paint to be gray iaw
Color Chip 36492.
Panel markings to be black iaw
Color Chip 37038.