

REFLECTED POWER – built in SWR bridge, indicates load departure from 52 ohms.

POWER SUPPLY

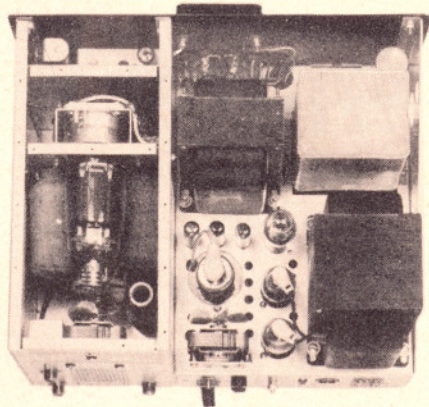
Designed for operation on 115 volts 50-60 cycles. Heavy duty plate transformer and 7-70 henry swinging choke by Chicago Standard. The screen regulation circuit utilizes an 812A "series valve" with two 0A2 reference and one 6AQ5 control tube. Better than 1% regulation is maintained for any combination of load or line voltage change. Regulated operating grid bias is provided by an 0A3 tube. The bias supply is "floating" above ground and can be externally or internally block biased. All Multiphase Exciters furnish blocking bias.

A time delayed, relay controlled starting circuit charges the 45 mfd. filter capacitor on a constant current basis. This prevents starting overloads on the 816 high voltage rectifiers. A plate overcurrent breaker protects the high voltage power supply components. In addition, the primary is fused for further protection. A fan, mounted on rubber, ventilates the power supply section.

DYNAMIC REGULATION

Ordinary low capacity power supplies for SSB and CW suffer from transient filter oscillations which seriously reduce the plate voltage at the instant it is most needed. A meter does not indicate this effect. This results in high distortion, reduced side-band suppression, key clicks and loss of instantaneous power.

In the 600L the 45 mfd. oil filled filter capacitor provides DYNAMIC REGULATION necessary for high peak power output with low distortion.



PHYSICAL DATA

Self contained power supply for operation on 115 volts 60 cycles.

TABLE MODEL

Attractive modern recessed front panel design. Cabinet well ventilated with gray wrinkle finish. 18" wide, 9" high and 15" deep. Shipping weight crated – 117 lbs.

RACK MODEL

Supplied with gray or black wrinkle finish. Standard 8 3/4" high by 19" long rack panel. Rack unit is supplied without table cabinet, but with bottom plate. Requires rack cabinet 18" deep to clear connectors with rear door closed. Shipping weight crated – 108 lbs.

MODEL 600L BROADBAND RF AMPLIFIER wired, with tubes, rack or table model \$495.00

MODEL AS-600 ANTENNA SELECTOR SWITCH attaches to bandswitch shaft to automatically select proper antenna for each band.

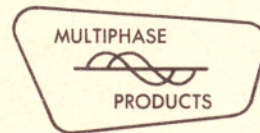
Shipping weight 1 lb. \$13.65

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

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*Patent Pending



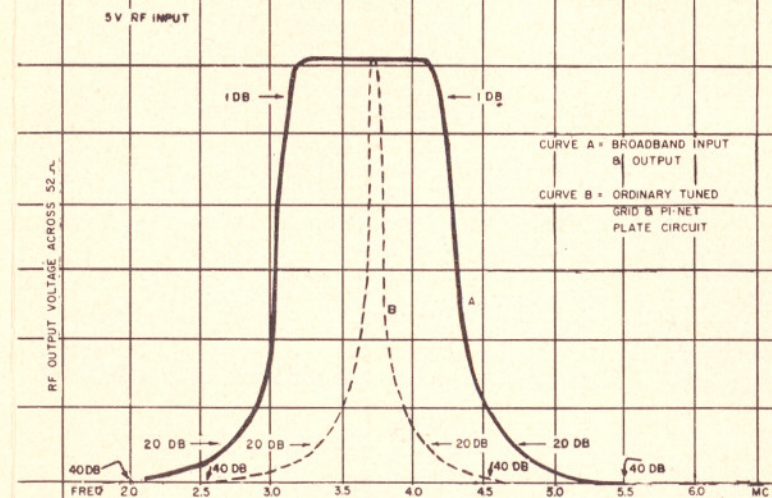
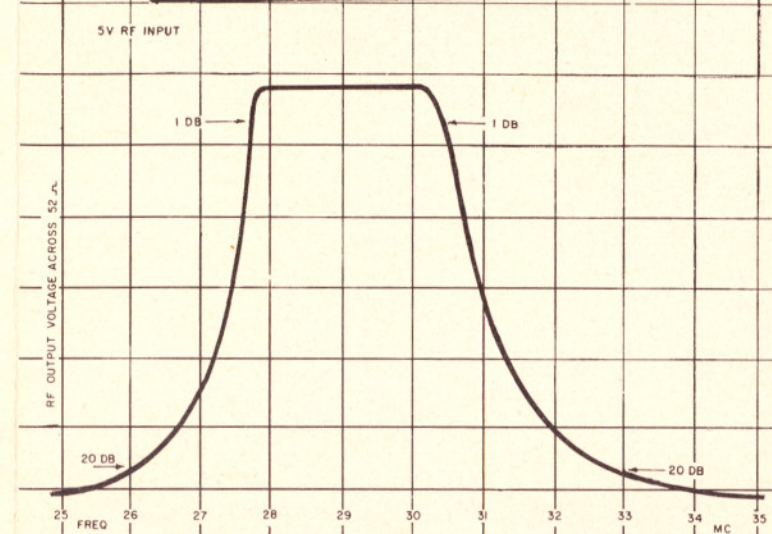
Central Electronics, Inc.

1247 W. BELMONT

CHICAGO 13, ILLINOIS

Phone EAstgate 7-7460

Central Electronics, Inc.



BROADBAND LINEAR RF AMPLIFIER

MODEL 600L