



Power supply units

THESE power supply units have been developed for television applications to meet fully both mobile and studio requirements.

Regulated Power Supply Unit Type BD 654

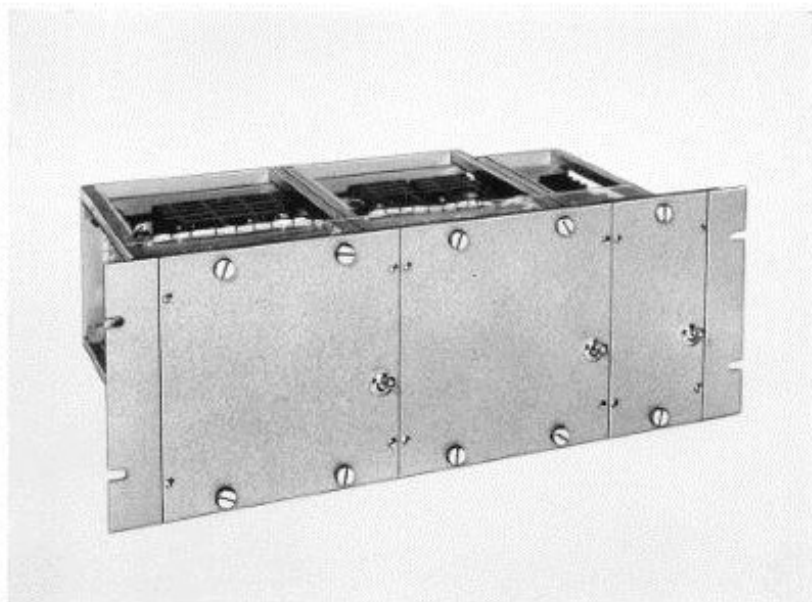
The Regulated Power Unit Type BD 654 has been in service in television applications for some years. It has shown itself to be capable of long and strenuous operation in many parts of the world.

Two series regulator valves are used. One of these is wired permanently in circuit and the other may be switched in or out as required, according to the load current.

DATA SUMMARY

Power supplies:	100-125 or 200-250 V 50-60 c/s, single-phase a.c. (5 V steps).
Power consumption:	0.35 kVA.
Output volts:	230-270 V regulated d.c. or 330 V unregulated d.c. 10 V centring supply.
Output current:	0.4 A max. 0.06 A min.*
Regulation:	> 1 Ω.
Residual ripple:	
Regulated	> 5 mV p-p.
Unregulated	> 2 V p-p.
Dimensions:	
Height	10½ in. (27 cm)
Width	19 in. (48 cm)
Depth	9½ in. (24 cm)
Weight	49 lb (22 kg)

* Unregulated.



Type BD 940 Relay and Transistor Power Supply Unit.

9254

Relay and Transistor Power Supply Type BD 940

The BD 940 Power Supply has been designed as a source of power for the Marconi range of mixers and master switching equipment.

The unit is fitted with a solder-type tag strip at the rear from which separate feeds can be taken to supply relays and transistor amplifiers associated with the mixing equipment.

An on/off switch is located on the front panel and the unit is arranged to mount in a 19-inch chassis.

DATA SUMMARY

Mains supply:	100-125 V or 200-250 V, in 5 V steps, 50 or 60 c/s.
D.C. output:	24 V (± 2 V), 5A, for relays. 24 V d.c. 1A, well regulated for use with transistor amplifiers.
Finish:	Oyster grey hammer.

Marconi

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