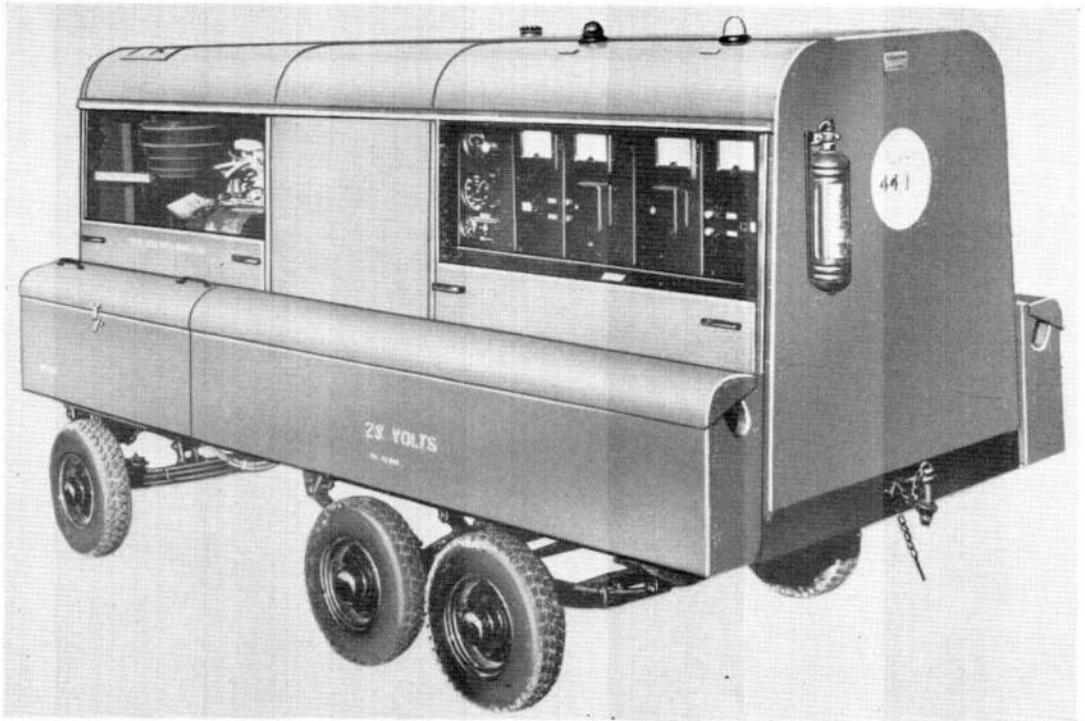


ELECTRICAL SERVICING AND STARTING TROLLEY, 10/40 kW



Air Ministry Ref. No. 4F/2394
Associated publications A.P.4343S, Vol. 1, Sect. 23, Chap. 19
Output 10/40 kW. (350A. at 112V. and 350A. at 28V.)
Dimensions Length 12 ft., Width 4 ft. 3 in. Height 5 ft. 3 in.
Weight 2 tons 5 cwt.

BRIEF DESCRIPTION

The 10/40 kW. trolley provides a 28 volt supply for servicing purposes only and a 112 volt supply for the starting of aero-engines. The latter supply has an intermittent rating of 90 kW. for a few seconds duration to provide sufficient power for starting certain large engines. Both outputs can be used simultaneously.

The trolley consists of a six-wheeled chassis carrying a Rolls Royce, Type B.60, Mk. 50 G water cooled gasoline engine which develops 115 b.h.p. at 3,250 r.p.m. The engine drives the main 112V. generator which has a large flywheel to which is coupled the smaller 28 V. generator. The control gear is mounted in a cubicle at the rear of the trolley the whole of which is protected by a canopy fitted with hinged doors.

The two output cables are each 40 ft. long and terminate in N.A.T.O. sockets. Both cables have voltage sensing and safety interlock cores and are stowed, when not in use in lockers at either side of the trolley. The engine is equipped for electrical starting.

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