

No other system

Experience with the A-C. Floating Battery System on more than 5000 track-miles has fully demonstrated its low-cost operation. One of the first roads to use this modern system of charging effected a \$15,000 saving in signal and maintenance expense in one year with a 63-mile double-track installation.



The diagram on the opposite page shows the various G-E electrical accessories furnished for the A-C. Floating Battery System. G-E specialists in this line have had comprehensive experience with installations of these devices and will co-operate with you in applying them to meet your requirements.

D-C. Signaling	<ul style="list-style-type: none"> Hard to get power to the signal functions Battery power is 100% reliable 	} The A-C. Floating System combines the power advantages of A-C. and D-C. signaling
A-C. Signaling	<ul style="list-style-type: none"> Easy to get power to the signal functions Power subject to failure of supply 	

GENERAL ELECTRIC COMPANY, SCHENECTADY, NEW YORK

is so economical

Compared with all other methods of battery recharging, the A-C. Floating System greatly reduces maintenance, extends each maintainer's territory, and saves as much as 60% of the power required for lighting.

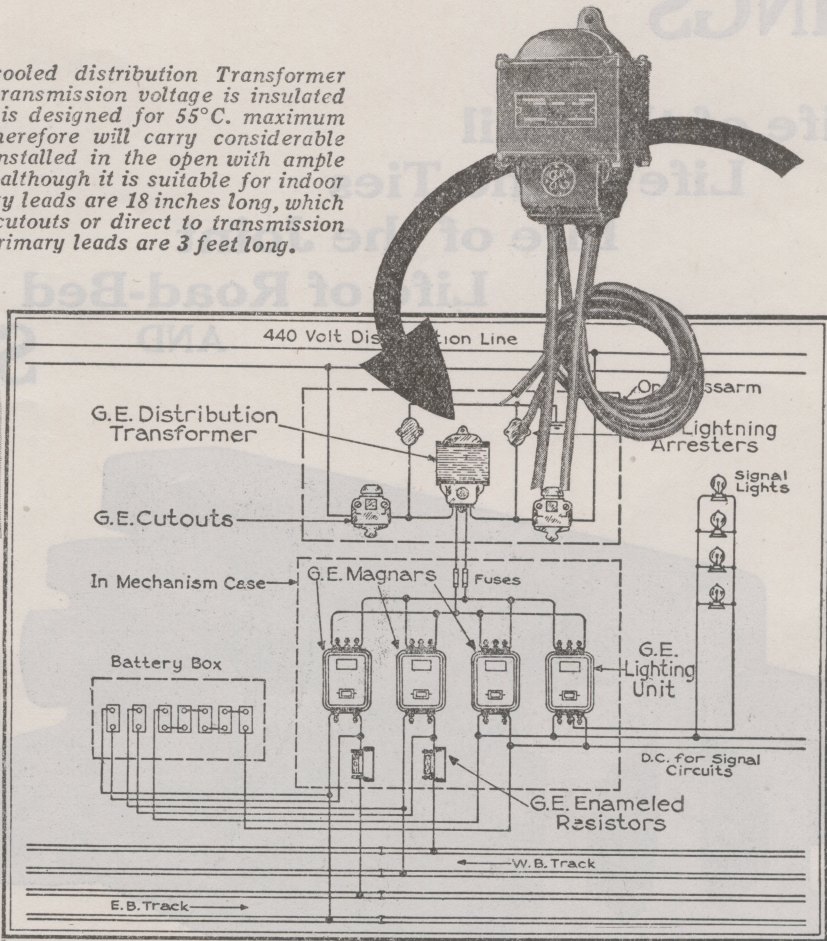
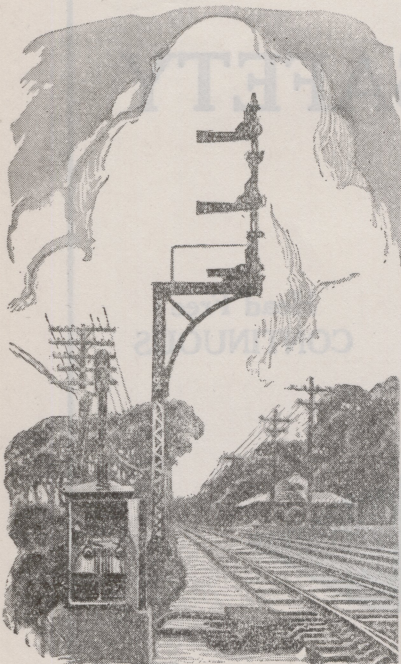
This System has these advantages over all storage systems: it greatly prolongs battery life because its charge is directly proportional to the discharge on each battery and it eliminates over-charging. It also eliminates the cost of charging-room labor,

it greatly reduces the work of maintainers necessary for series line charging, and avoids all damage incident to transporting batteries. It permits the use of fewer batteries (half the number needed with series line charging) and requires smaller ampere-hour capacity.

This System operates at much less cost than a primary battery installation because it obviates expensive renewals and requires less maintenance.

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The G-E type M air-cooled distribution Transformer for stepping down the transmission voltage is insulated for a 10,000-volt test. It is designed for 55°C. maximum temperature rise and therefore will carry considerable overload especially if installed in the open with ample provision for radiation—although it is suitable for indoor mounting. The secondary leads are 18 inches long, which facilitates connecting to cutouts or direct to transmission lines without splicing. Primary leads are 3 feet long.



Wiring diagrams showing the various G-E devices available for A-c. Floating Battery Systems

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