

TC 7-KIT

Trail Charger with Extender

(single and/or dual pole combination nose box powered)

MAXON®



DESCRIPTION:

Trail Charger that is powered by a single and/or dual pole combo nose box with an Extender module that allows the Trail Charger to have extended run time when the tractor is turned off. The Extender extends the charge time and provides low voltage protection for the tractor's primary batteries.

RECOMMENDED FOR:

Dry Freight Trailer applications that can use either a single or dual pole circuit as its power supply.

RECOMMENDED FOR:

Trail Charger that is powered by a dual or single pole connector from a combo nose box. The Trail Charger eliminates voltage drop issues by stepping up the voltage to meet the battery charging requirements. Extender control module controls the Trail Charger allowing extended charge time while the tractor is turned off while maintaining the balance between the tractor and trailer batteries. The Extender will not allow the Trail Charger to continue to charge the liftgate batteries, if the tractor batteries are at a low state of charge.

Kit Content

kit includes a single and dual pole combination nose box, all harnesses and a 20 amp Trail Charger unit with extender module that is factory installed inside of a new molded plastic battery box offering.

Note

Batteries shown in images are for illustration purposes only.

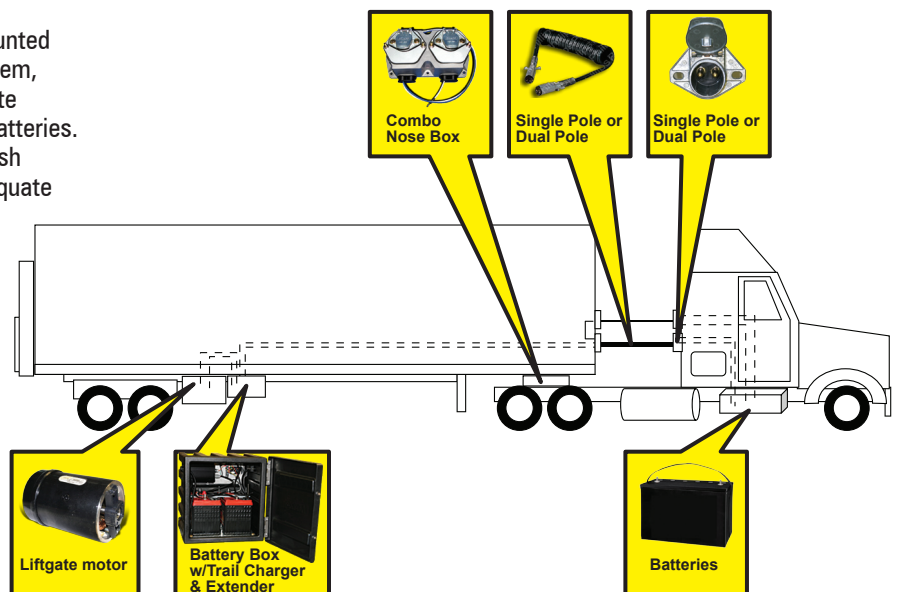
The issue:

On applications where auxiliary liftgate batteries are mounted a long distance from the primary vehicle's electrical system, voltage drop will occur. In order to charge auxiliary liftgate batteries, the correct voltage must be applied to these batteries. Without the correct voltage (i.e. electrical pressure) to push the available current through the liftgate batteries, inadequate recharging will occur and the batteries will run down.

The Solution:

Trail Charger Based Charging Solutions

A DC/DC converter (TRAIL CHARGER) eliminates the above problem by amplifying (boosting) any input voltage (9 to 14) to the correct voltage necessary to charge and maintain the liftgate batteries.



Trailer – Dry Freight