

TC 5-KIT

Trail Charger with Extender module (dual pole powered)

MAXON[®]



DESCRIPTION:

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

RECOMMENDED FOR:

Dry Freight Trailer applications that use a dual pole circuit as its power supply.

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Trail Charger that is powered by a dual pole connector. The Trail Charger eliminates voltage drop issues by stepping up the voltage to meet the battery charging requirements. Extender module controls the Trail Charger allowing extended run time while the tractor is turned off while maintaining the balance between the tractor and trailer. 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

This kit includes all necessary harnesses and a 20 amp trail charger unit with extender module that is factory installed inside a molded plastic battery box offering.

Note

Batteries shown in images are for illustration purposes only.

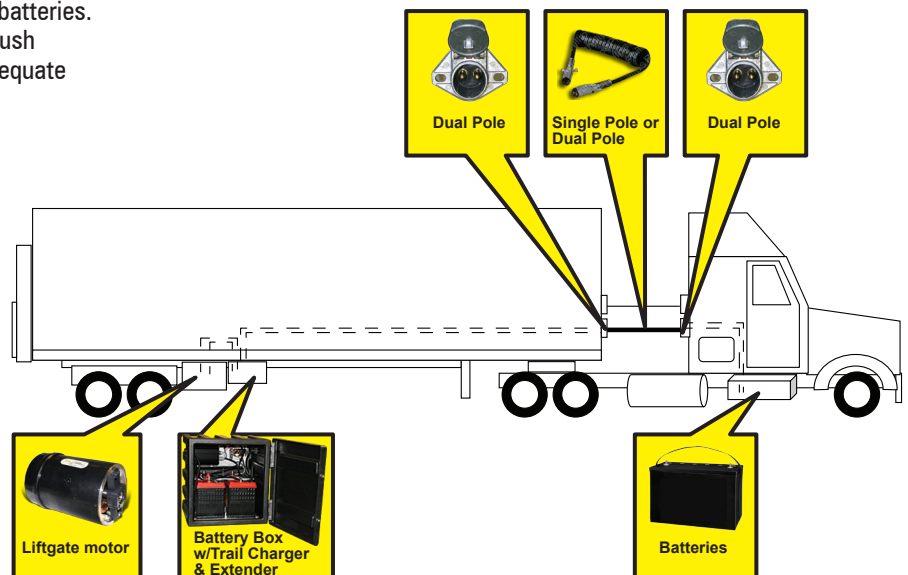
The issue:

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