



The Super Cap

Battery Replacement Capacitors

Specifications:

10 Farad 7.5 volts (3 x 2.5 volts)

2.25" x 1.5" x 0.75"

Direct plug in for 6 volt Phoenix battery

Description:

The Super Cap behaves like a small battery that recharges almost immediately and is not bothered by being in the discharged state. It will operate the sound system long enough to give you all the shut down sounds.

The capacitor will reach the 6 volt level needed to operate the sound system when the voltage at the sound board reaches about 7.2 volts.

REMEMBER THE ACTUAL VOLTAGE ON THE TRACK IS ABOUT 1.5 VOLTS ABOVE THE VOLTAGE THAT ACTUALLY GETS THROUGH THE WHEELS AND CONTACTS INTO THE LOCOMOTIVE.

You will not notice any difference between the capacitor and the battery if you operate above the charging voltage more than half the time and do not go below the charging voltage for more than a minute at a time. Sound volume will go down when the capacitor discharges, just as it would with a battery.

You can use the BigBoost™ to lower the charging voltage to about 3.5V.

