

ABSTRACT

5 An electrolytic solution for use in an electrolytic
capacitor, comprising a solution containing a solvent
consisting of 20 to 80% by weight of an organic solvent
and 80 to 20% by weight of water, and at least one
electrolyte selected from the group consisting of a
carboxylic acid or a salt thereof and an inorganic acid
or a salt thereof, having added thereto at least one
10 nitro compound selected from the group consisting of
nitrophenol, nitrobenzoic acid, dinitrobenzoic acid,
nitroacetophenone and nitroanisole. The electrolytic
solution has a low impedance and excellent low-
temperature stability, along with good working life
15 characteristics, and it can also exhibit an excellent
hydrogen gas absorption function when an electrolytic
solution contains a highly increased amount of water in
its mixed solvent or when an electrolytic capacitor is
used under high temperature conditions.



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