

A HIGH STEP-UP CONVERTER WITH A VOLTAGE MULTIPLIER MODULE FOR A PHOTOVOLTAIC SYSTEM

K.Devender Reddy

Dept:EEE, Institute of Aeronautical Engineering
M.Tech(Ph.D), Hyderabad, Telangana

B.Chandana, T.Srividya, S.Manasa

Dept:EEE, Institute of Aeronautical Engineering
Hyderabad, Telangana

There is a wide use of renewable sources of energy world wide in future. The reason is because of environmental impurities and short of energy. As low voltage output is generated by renewable energy systems, in order to generate high voltage we use high step up DC-DC converters. We represent the usage of boost converter and fly-back converter. We generate higher step-up voltage. And we are using renewable source as solar energy

