



Optional:
Bi-Directional Flyback isolator may be actively driven on the side with power, or on both sides.
Receiver side may actively switch on while diode is forward biased.
Transmitter logic should attempt to maintain voltage at one side of the transformer preferentially. In most applications, this means power would be taken from the AC grid to maintain the local DC grid, unless the local DC grid is offering substantial excess voltage.

Both the Buck and Flyback Isolator converters can perform PFC, therefore only one should be used in a given application.