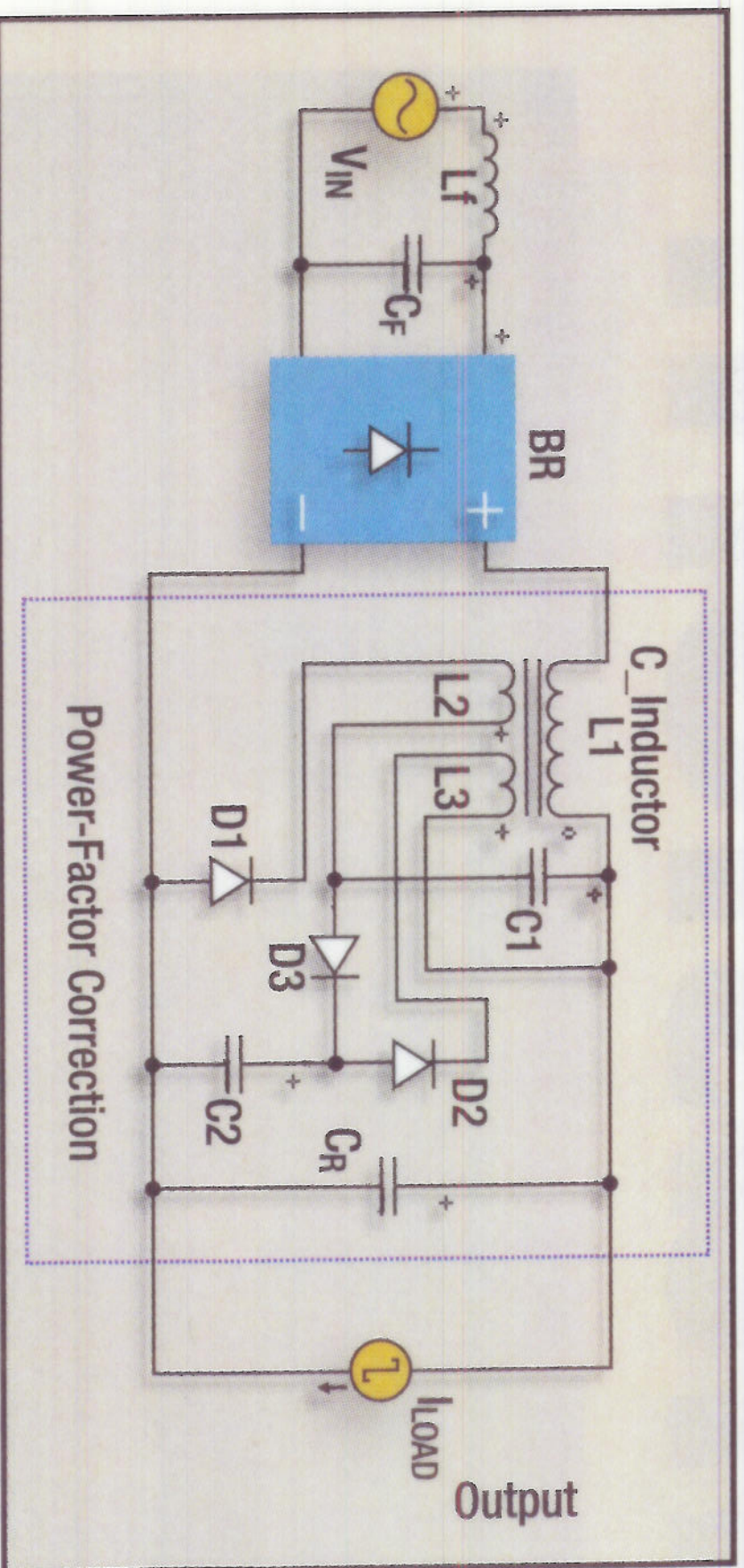
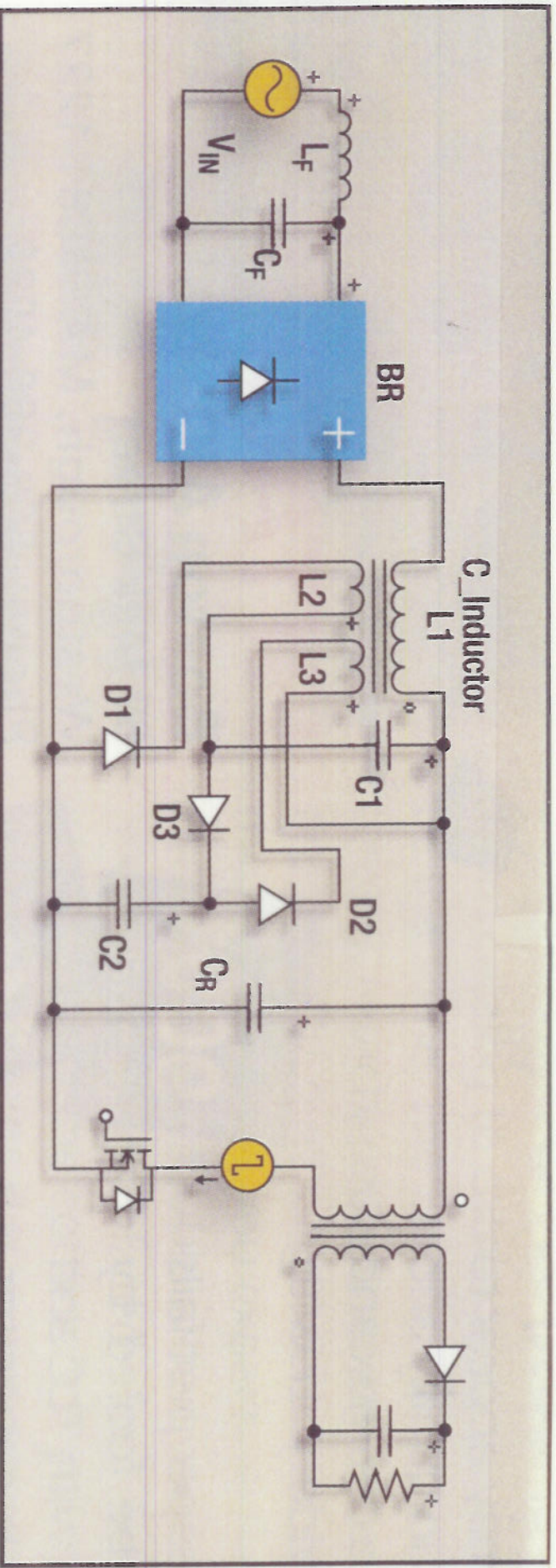


# PFC DESIGN



**Fig. 4.** The quasi-active PFC circuit improves the efficiency of a single-stage power converter by preventing the input current or voltage due to the PFC from being added to the active switch.





**Fig. 5.** This quasi-active PFC with flyback dc-dc converter produces 90 W of output power with an overall efficiency of 86%.

inductor, which stores a portion of the total