

A Power Supply with Reduced Power Losses during Standby Mode

Abstract

There is provided a power supply for an electrical device operable in active
5 mode and in standby mode. The power supply comprises a transformer having
a primary winding on the primary side and a secondary winding on the
secondary side. The primary winding is connectable to an AC voltage supply
and is arranged to comprise N turns when the electrical device is in active mode
and more than N turns when the electrical device is in standby mode. Circuitry
10 on the secondary side is arranged to provide an output voltage for the electrical
device during active mode.

Figure for publication - Figure 3



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