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Caspian Technology Pty Ltd

Seamless Power Transfer for Ferroresonant Standby Power Supply for Telecommunication (HFC) and Commercial Applications

A telecommunication network such a Hybrid Fibre Coaxial (HFC) requires an Uninterrupted Power Supply (UPS) which is very different from the conventional UPS. The most appropriate and universally accepted means of providing such a demanding power supply to the network is the Ferroresonant Topology solution. The existing producers of the power supplies for such applications have many shortcomings. The research and development taken place at Caspian Technology has produced a power supply, CPI, with none of the shortcomings (such as transfer time between two possible energy sources and low efficiency in Inverter/dc mode) whilst at the same time offering a reliable and cost effective solution.

