

MODULAR POWER SUPPLY ASSEMBLY

ABSTRACT

A modular power converter that is easily adapted to a wide variety of applications separates the substantially constant power conversion functions from the largely application specific components of the power converter. A core power conversion module is provided that includes the converter functions and thermal systems of a typical power converter. An output connector is adapted to couple the core module to an application specific module that may contain application specific components such as magnetics, filters, contactors, relays, current sensors, etc. An easily reconfigurable cabinet is included that is readily adaptable to particular applications.

Fig.1