MODULAR POWER MANAGEMENT SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

An electrical distribution system and method has storage battery mechanism of very large equivalent capacitance providing excellent ripple filtering and an ideal path to ground, and filter capacitor mechanism of microfarad size providing DC blocking and limited AC path to ground. The storage battery entity is maintained as to its charge by DC supply which provides regulated DC power in which switching regulation may be involved. The system and method provides dual voltage capability, both DC and AC in which circuit breakers may be ganged for simultaneous tripping, and in which intrinsic DC circuit(s) may be looped to increase current-carrying capability.

FIGURE 1