The EnerSys PowerSafe® Battery Disconnect/Breaker System is an ideal solution for telecommunications offices that require a safe single and convenient means to quickly isolate a battery string of Flooded or Valve Regulated Lead Acid (VRLA) batteries from DC power or from other battery strings. The disconnect/breaker systems have been designed so they can be directly "bolted on" to PowerSafe DDm and mSeries battery systems allowing for simple installation eliminating the need for cumbersome lengthy cabling. Flooded batteries would use remote mounting. Options include overcurrent protection, various size shunts, multiple ways to mount disconnect/breaker to walls, ladders and/or 23 inch relay racks.

The battery disconnects/breakers allow for safer routine maintenance to be performed without having to manually disconnect the battery from the main bus or cabling, thus reducing overall maintence time. In addition, these battery disconnects/breakers can be configured to comply with local fire codes that require an at the door remote "power off" for the battery system, in the event of an emergency.

PowerSafe® DDm/mSeries & Flooded Batteries

D.C. POWERPLANT DISCONNECT/BREAKER

Features & Benefits

- Available in 24 Vdc, 48 Vdc, 120 Vdc and 240 Vdc size systems
- Available protection from 100A to 2400A DC
- Disconnect/breaker can be available with or without overcurrent protection
- Can be mounted to top of PowerSafe DDm/mSeries battery vertically or horizontally
- Remote operation available
- Shunts are available with 50mv or 100mv accuracy ranging from 100 to 3000A
- Load Side = Tin-plated copper connector can accommodate up to 4 two hole lug cables
- Line Side = Custom tin-plated copper connector connecting directly to the battery post





RESERVE POWER

Part Numbers & Configuration

The PowerSafe® DDm and mSeries battery systems can be configured with a disconnect/breaker remotely mounted or directly mounted to the battery and stand. In addition, PowerSafe and DataSafe® Flooded batteries can have a disconnect/breaker remotely mounted.



Note: Mounting a disconnect directly onto a DDm or mSeries battery and stand will eliminate the stands seismic rating.

Part Number Example; **B 1 120 02 1 1 A09 4 2B** is defined as; 200A frame, 120 Vdc, 125A Overcurrent trip, Manual open/close operation, Top Mount to battery, for a 2DDm50-09 Battery, 4 Wide, 200A/50mV shunt



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