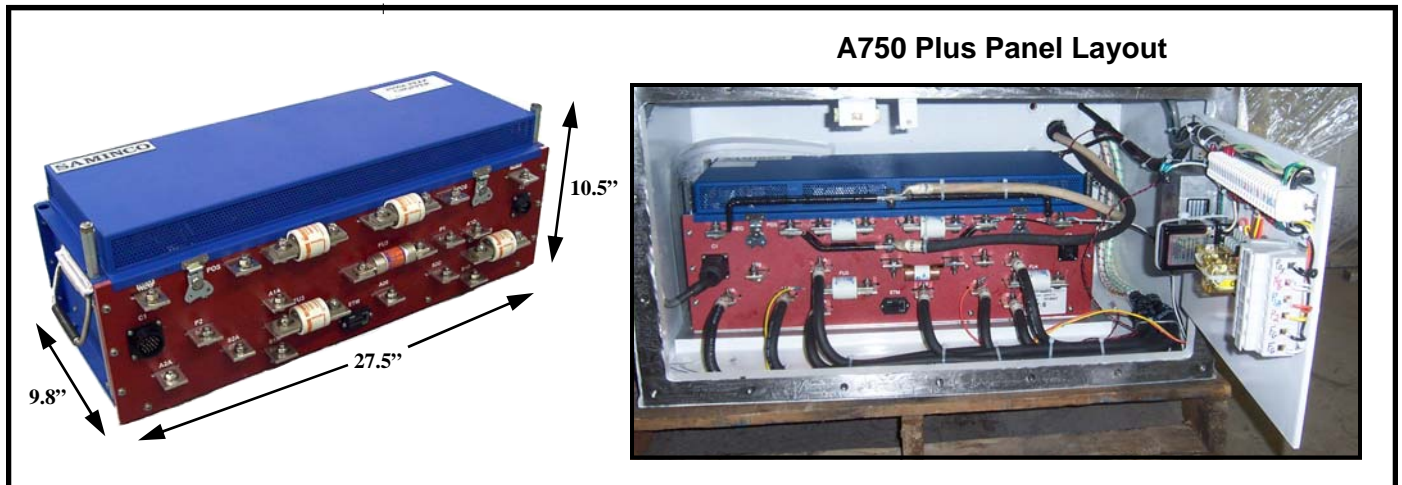


**A750 PLUS
2000A 120VDC
BATTERY CONTROLLER**



- 3-in-1 battery controller for scoops, shield haulers, or dual motor battery haulers
- Simple to install, compact enclosure houses all power control devices and capacitor bank
- Highest output current capability in the industry: 2000A maximum for a full 10 seconds for one 100HP or 1000A for 10 seconds for two 50HP motors
- Provides infinitely variable, reversible speed control for DC series wound motors up to 50HP
- Solid State Reversing eliminates directional contactors from the system
- Built-in motor thermal overload circuit with inverse time characteristic (has PA approval)
- From 0 to 1000A or 0 to 2000A (depending on motor(s) selected) under all conditions

Saminco Part Number: A800773 (single motor) A800774 (dual motor)

Specifications:

Tram Motor Ratings: **A800773:** 100HP/120V 2000A max/10 secs
A800774: Dual 50HP/120V, 1000A max/10 secs each.

Supply Voltage: 120V battery 90V min., 160V max.

Output Voltage: 0 to 98% of input voltage

Start-Up Interlocks: **Pump Lockout:** Unit cannot be run unless pump is running.
Tram Re-start Lockout: Upon power-up, tramming cannot be initiated unless foot switch is first returned to "off" position.

Overcurrent Protection: Magnetic circuit breaker in DC supply (customer supplied)
Instantaneous cut-out if motor current exceeds 2500A for 100HP or 1250A for 50HP motor(s)

Built-in thermal inverse time overload relay for tram motor (PA approval)