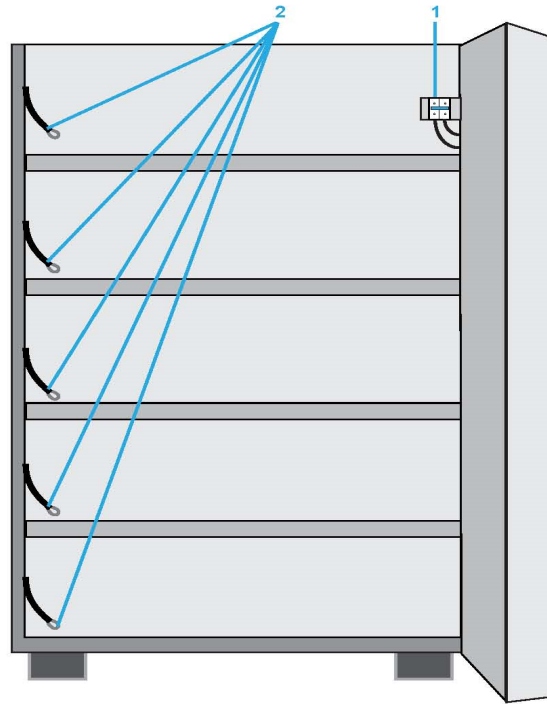


Sonoran 3 Series

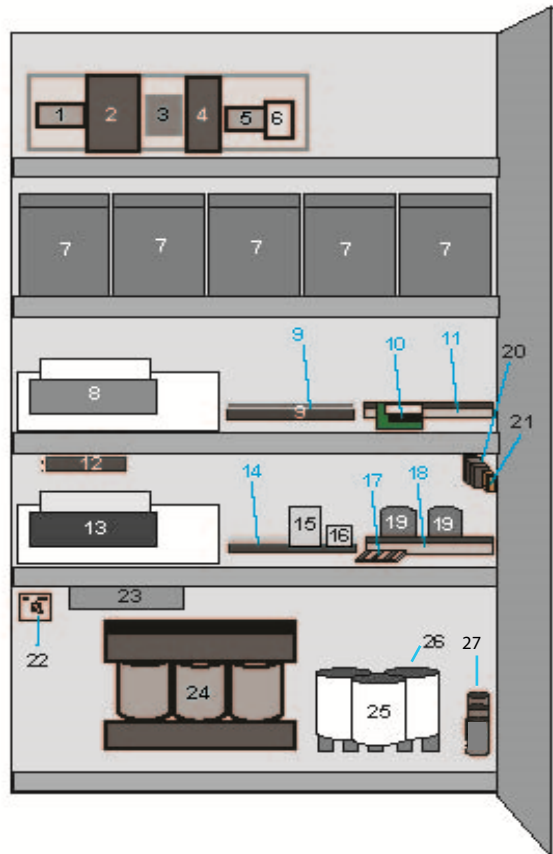
Components

208V Layout

- 1 - Terminal Block
- 2 - Shelf To Shelf Jumper Cables For Batteries



- 1 - Input Terminal Blocks
- 2 - Input Circuit Breaker
- 3 - Contactor (K1)
- 4 - Battery Circuit Breaker
- 5 - Output Terminal Blocks
- 6 - Output Main Circuit Breaker
- 7 - Batteries
- 8 - IGBT/ SKIIP Pack
- 9 - IGBT/ Control Board
- 10 - Display
- 11 - Mother/ Processor Board
- 12 - Fans
- 13 - Rectifier, Utility, and Inverter SCRs
- 14 - Pulse Driver Boards
- 15 - Time Delay Relay
- 16 - Contactor (K3)
- 17 - Fuses
- 18 - SBS Control Board
- 19 - Reference Transformer
- 20 - Input Filter Capacitors
- 21 - Input Filter Resistors
- 22 - Bypass Switch
- 23 - Blower
- 24 - Inverter Transformer
- 25 - Inverter Output Filter Inductors
- 26 - DC Bus Caps
- 27 - Inverter Output Filter Capacitors

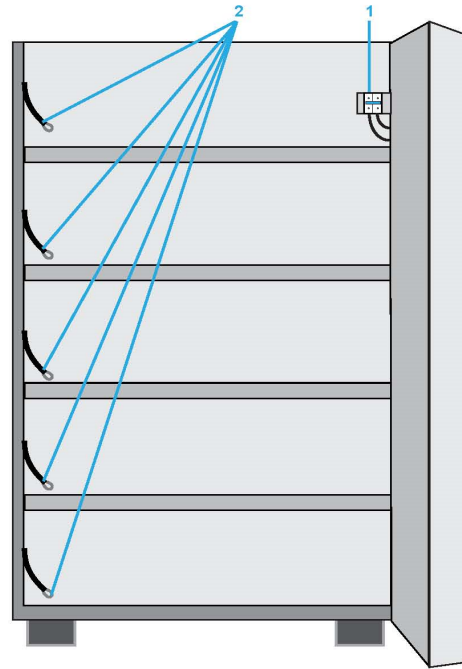


Sonoran 3 Series

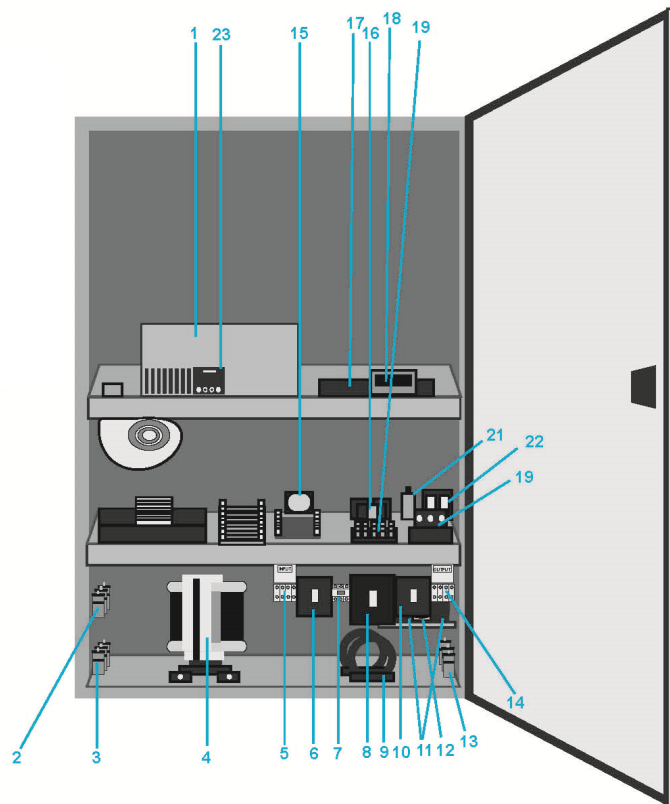
Components

480V Layout

- 1 - Terminal Block
- 2 - Shelf To Shelf Jumper Cables For Batteries



- 1 - Inverter Assembly
- 2 - Input Filters
- 3 - Output Filters
- 4 - Transformer
- 5 - TB1: AC Terminal Block
- 6 - CB1: AC Input Breaker
- 7 - CB2: Rectifier Breaker
- 8 - CB3: DC Input/ Battery Breaker
- 9 - Inductors
- 10 - CB4: AC Output Breaker
- 11 - DC Caps
- 12 - DC Reactor
- 13 - Inverter Filters
- 14 - TB2: AC Output Terminal Block
- 15 - T6: Transformer
- 16 - T2: Transformer
- 17 - Monitor PCBA
- 18 - Display
- 19 - Fuses
- 20 - K1: Contactor
- 21 - K2: Time Delay Contactor
- 22 - K3: Contactor
- 23 - Drive Unit Display



Note: Wires from battery cabinet to inverter, provided by others.

*Shelf to shelf jumpers are sized to cover a full range of power levels. The battery jumpers will be the same or smaller size depending on the power level of the inverter unit.