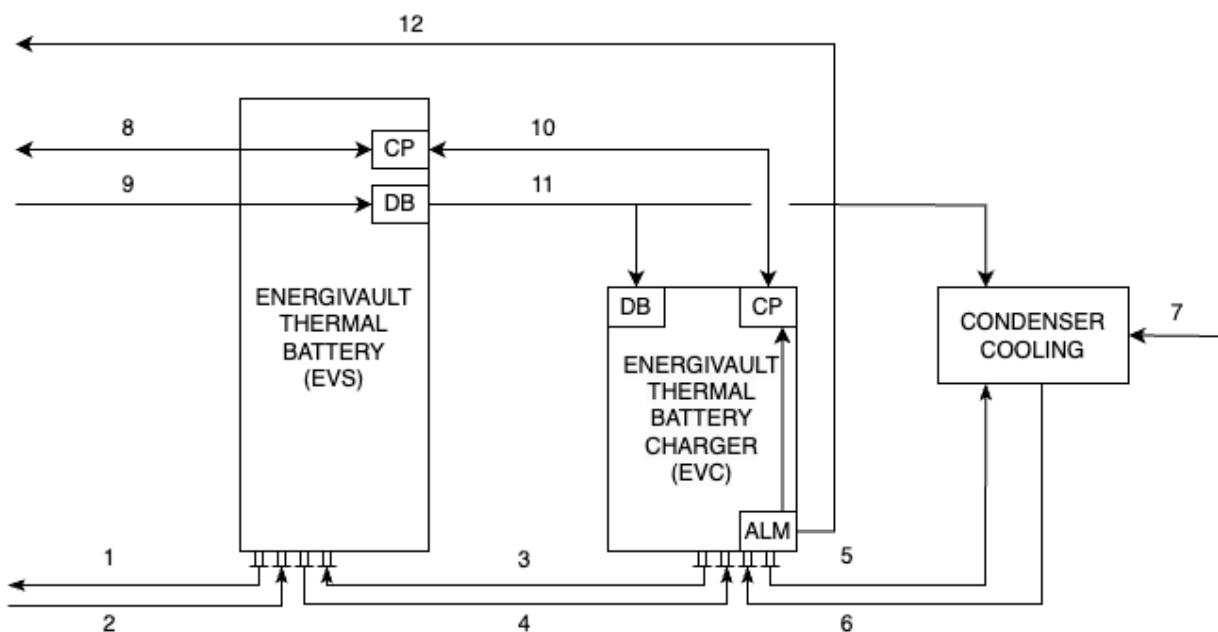


EnergiVault® Configuration

The EnergiVault system is a cold thermal energy storage system which comprises a dedicated thermal battery charger (refrigeration module) and thermal battery.

The interfaces between the modules and customers interfaces are shown in the single line diagram below.



- 1 FLOW FROM INTERFACE HX TO CHILLED WATER CONNECTION
- 2 RETURN FROM CHILLED WATER CONNECTION TO INTERFACE HX
- 3 CONNECTION FROM THERMAL BATTERY CHARGER TO THERMAL BATTERY
- 4 CONNECTION TO THERMAL BATTERY CHARGER FROM THERMAL BATTERY
- 5 FLOW FROM CHARGER CONDENSER TO COOLING TOWER
- 6 FLOW FROM COOLING TOWER TO CHARGER CONDENSER
- 7 FACTORY COOLING WATER SUPPLY, LOCAL COOLING TOWER, DRY COOLER
- 8 COMMUNICATIONS INTERFACE
- 9 ELECTRICAL SUPPLY
- 10 COMMUNICATIONS LINK BETWEEN EVS AND EVC
- 11 POWER SUPPLY FROM EVS TO EVC AND COOLING TOWER
- 12 DIGITAL AMMONIA ALARM SIGNAL DIRECT TO BMS