Cost per year: Y

Capacity: C

Cost per capacity: S

Life span of battery: L

B: reliability

Largest continuous power of battery：PC

Average power during an hour: PA

Size of the house (Volume of the house walls, floors and ceilings): V

Cost of the cement battery: C’

Energy density of the battery: D

Life span of the battery: L’

Round-trip efficiency of wires and the cement battery: T1, T2