CLAIMS:

1. An electrode unit for a reserve power supply, comprising:

at least ~~one~~two electrode plates (101) having at least one current collecting terminal (104) extending from each of at least two sides of the at least ~~one~~two electrode plates (101), said at least ~~one~~two electrode plates (101) having an active surface on which is coated an active substance (120); and

at least one auxiliary conductor (100) having a conductivity higher than a conductivity of the at least ~~one~~two electrode plates (101), said at least one auxiliary conductor (100) having at least one current collecting terminal (105) extending from each of at least two sides of the at least one auxiliary conductor (100); and

an insulator (103) sandwiched between and joined to the at least ~~one~~two electrode plates (101) and to the at least one auxiliary conductor (100) to form said electrode unit,

wherein said at least one current collecting terminal (104) extending from each of at least two sides of the electrode plate (101) and said at least one current collecting terminal (105) extending from each of at least two sides of the auxiliary conductor (100) are electrically connected to form at least two common input/output terminals on opposite sides of the electrode unit.

2. An electrode unit for a reserve power supply according to claim 1, wherein said at least one auxiliary conductor (100) is one of a planar structure, a strip structure, and a mesh structure.

3. An electrode unit for a reserve power supply according to claim 1, wherein said reserve power supply is one of a primary battery, rechargeable battery, capacitor, and super capacitor.

4. An electrode unit for a reserve power supply according to claim 1, wherein said input/output terminals have a same polarity.

5. An electrode unit for a reserve power supply according to claim 1, wherein one said current collecting terminal (104) and one said current collecting terminal (105) extend