Claims

1. Supply module (1) for supplying a weapon system (7), comprising
   - an electric storage device (2), the electric storage device (2) comprising at least one battery for storing electric energy that powers the weapon system (7),
   - a thermal storage device (3), wherein the thermal storage device (3) stores a coolant, and
   - at least one electrical connection (5) via which energy can be transferred from the electric storage device (2) to the weapon system (7), and
   - at least one thermal connection (4) via which the coolant can be transferred from the thermal storage device (32) to the weapon system (7),
   - wherein the supply module (1) is interchangeable.

2. Supply module (1) as in claim 1, characterized in that the electrical connection (5) and/or the thermal connection (4) comprise(s) a quick coupler.

3. Supply module (1) as in one of the previous claims, characterized in that the electric storage device (2) has a specific power of at least 1000 W/kg, in particular of at least 3000 W/kg and/or a specific energy of at least 100 Wh/kg, in particular of at least 120 Wh/kg.

4. Supply module (1) as in one of the previous claims, characterized in that the electric storage device (2) is able to ensure a sustained supply of power to the weapon system for an operating time of at least 100 seconds, in particular of at least 150 seconds.

5. Supply module (1) as in one of the previous claims, characterized in that the electric storage device (2) comprises lithium-iron phosphate rechargeable batteries.

6. Supply module (1) as in one of the previous claims, characterized in that the thermal storage device (3) comprises a latent heat accumulator.

7. Supply module (1) as in claim 6, characterized in that the coolant has a latent heat capacity of at least 20 kJ/kg, in particular at least 40 kJ/kg.

8. Effector system (6), comprising
- at least one weapon system (7) to be supplied, in particular a laser weapon,
- at least one interchangeable supply module (1) as in one of the previous claims, and
- at least one receiving device (8), which is rigidly connected to the weapon system (7), wherein
- the supply module (1) can be introduced into the receiving device (8) in order to supply the weapon system (7) with electric power and with coolant from the supply module (1).

9. Effector system (6) as in claim 8, characterized by a loading device, in particular a crane, wherein the supply module (1) can be introduced into the receiving device (8) and/or removed from the receiving device (8) by means of the loading device.

10. Effector system (6) as in claim 8 or claim 9, characterized by at least two receiving devices (8), wherein for supplying the weapon system (7) it is possible to switch between the receiving devices (8) so that the weapon system (7) can be operated continuously.

11. Effector system (6) as in one of claims 8 through 10, characterized by a platform (13) on which the weapon system (7) and the receiving device (8) are mounted, wherein the platform (13) is configured as a mobile platform.