CLAIMS

1. A stationary shelter for storing at least one electrical energy storage unit, characterized in that it comprises at least one element for receiving said unit, configured so that said unit can be inserted into it or extracted from it, via an access opening made in a wall of said stationary shelter, and in that it comprises a device for lifting and handling said unit, which allows the loading and unloading of the latter in and out of the receiving element, this device for lifting and handling being assembled with at least one external surface of said shelter by assembly means.

2. The shelter according to Claim 1, characterized in that said at least one receiving element is fixed inside the shelter and is configured so that said electrical energy storage unit can be inserted into it or extracted from it via its end leading opposite said access opening.

3. The shelter according to the preceding claim, characterized in that said receiving element comprises two parallel brackets arranged opposite each other and at the same height.

4. The shelter according to the preceding claim, characterized in that said brackets are coated at least in part by a layer of material for easy introduction and sliding of said unit in said receiving element.

5. The shelter according to Claim 1, characterized in that said at least one receiving element is sliding, such that it can slide via said access opening between a retracted position inside said shelter and an extended position outside the latter, and in that this sliding receiving element is configured so that said electrical energy storage unit can be inserted into it or extracted from it from the top, when it is in extended position.

6. The shelter according to any one of the preceding claims, characterized in that said device for lifting and handling comprises a gallows, a hoist, or a winch, and a hooking mechanism of the storage unit.

7. The shelter according to Claim 6, characterized in that said hooking mechanism of the unit is a frame fitted in its centre with a fastening point on the hoist, or winch, and at its four corners with hooking means of said unit.

8. The shelter according to Claim 6, characterized in that said hooking mechanism of the electrical energy storage unit is a fork fitted at its upper end with a fastening point to the hoist or winch.

9. The shelter according to any one of Claims 6 to 8, characterized in that said gallows comprises a vertical stanchion to which a horizontal crossbar is fixed, this stanchion and this crossbar being optionally connected by an oblique support bar, the free end of the horizontal crossbar bearing hooking means of said hoist or winch and the lower end of said stanchion being assembled with a point of said external surface of the shelter by said assembly means.

10. The shelter according to Claim 9, characterized in that the gallows is mounted pivoting in a barrel provided in the outer wall of the shelter or fixed on the latter.

11. The shelter according to any one of Claims 6 to 8, characterized in that said gallows comprises a horizontal support whereof the two ends are recurved and assembled with the upper wall of the shelter by said assembly means and a longitudinal bar arranged perpendicularly to the support, whereof the free end supports a hoist or a winch and whereof the fixed end is assembled with the upper wall of the shelter by said assembly means, the longitudinal bar being fixed between its two ends on the support, perpendicularly to the latter.

12. The shelter according to any one of Claims 6 to 8, characterized in that the gallows comprises a horizontal support whereof the two ends are recurved and assembled with the upper wall of the shelter by said assembly means and an L-shaped longitudinal bar whereof the vertical branch is mounted pivoting in the upper wall of the shelter by said assembly means and whereof the horizontal branch can slide on said horizontal support during rotation of the gallows.

13. The shelter according to any one of Claims 9 to 12, characterized in that the horizontal crossbar or the longitudinal bar comprises at its free end an element mobile in translation, such as a dolly or a telescopic portion, the hoist or winch being fixed on this element mobile in translation.

14. The shelter according to any one of the preceding claims, characterized in that the assembly means are removable assembly means.

15. The shelter according to Claims 6 and 14, characterized in that said removable assembly means comprise a barrel and in that this barrel is configured so that the base of the gallows can be inserted into it and extracted from it removably.

16. The shelter according to any one of Claims 1 to 13, characterized in that the assembly means are permanent assembly means.

17. The shelter according to any one of the preceding claims, characterized in that said assembly means are positioned at a point of the upper surface of the shelter, such as the upper wall, an upper spar, an upper crossbar or the apex of a stanchion.

18. The shelter according to any one of Claims 1 to 16, characterized in that said assembly means are positioned at a point of the lateral surface of the shelter, such as the lateral wall or a vertical stanchion.

19. The shelter according to Claim 17, characterized in that the assembly means are a barrel formed in the thickness of the upper surface of the shelter.

20. The shelter according to Claim 17 or 18, characterized in that the assembly means are a barrel formed in a separate piece, attached to the wall of the shelter, such as a corner piece.

21. The shelter according to Claim 15, characterized in that the barrel is fixed at the centre of a shear load cross whereof the four ends are assembled by means of removable or permanent assembly means to the upper wall of said shelter.