

SANTI 6Ah battery

7.01



Product specification

7.02

It is based on advanced Li-Ion cells with high discharge current, so that it is possible to connect elements with a total power of up to 100W. The set is enclosed in an ergonomic case, with the E/O cord connection cable and piezo switch fitted through the upper lid of the container. The battery is switched on by touching the flat switch on the lid and the operation is signaled by a blue backlight placed on the E/O cord connector. The container is equipped with a special opening, designed to secure the battery pack on the belt.

The battery is designed to work with a vest and gloves from the SANTI heating system range. There is also the possibility to use the battery with any torch if its power does not exceed 100W.

Operating time (heating) with the components of the SANTI heating systems:

heating gloves:	1h45min ~ 2h,
heating vest:	1h15min ~ 1h30min,
vest with gloves:	30 ~ 45min.

The battery should be connected to the chosen heating element to the SANTI drysuit valve connector or SANTI Thermo valve by using the E/O cord connector. When storing, the battery should remain turned off. It is recommended not to leave the battery discharged for more than 6 months.

To avoid the electrolysis process, the battery should not be switched on in water while the E/O cord is not connected to any receiving device.

**Maintenance-free battery, do not open.
Opening the housing results in loss of warranty.**

SANTI 24Ah battery

6.01



Product specification

6.02

SANTI battery is developed based on modern Li-Ion cells, with high current efficiency. Battery is designed to supply power to SANTI heated apparel (undersuit, vest, gloves). However, it may be also used with diving lights.

Total power of connected devices must not exceed 200W. Those devices must be designed to be powered with 10.8-12V input.

Calculated operating time when equipment is in use:

- heated undersuit (110W): 2h30min ~ 3h
- heated vest (55W): 5h ~ 6h
- heated gloves (36W): 9h ~ 10h
- undersuit with gloves: 2h ~ 2h15min
- vest with gloves: 3h15min ~ 3h45min

The battery is equipped with a number of safeguards to protect against excessive discharge, excessive charging, overload and short circuit. On the top section of the canister there are an E/O cord connector, piezo switch, overpressure valve. There is also a belt loop (no need for clamps) on the side of the housing.

One touch is enough to turn battery on, which is indicated by built-in blue LED on the E/O cord connector. After each switch-on power status is presented. Number of flashes emitted by blue LED informs about the charge level.

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