



## ORION Saiph

By LIMATECH



26,5V    15Ah    720A



EASY MAINTENANCE



PLUG & PLAY



LIGHTWEIGHT



HIGH AVAILABILITY

### RELIABLE & ECO-FRIENDLY

Our lithium batteries are designed to meet **the most stringent requirements** of the aerospace industry in accordance with ETSO C179b.

With an **energy density multiplied by 3**, our batteries are **3 times lighter** than the old lead-acid and nickel-cadmium technologies.

Our innovations make it possible to integrate our batteries in the **most severe environments**, store them **with excellent charge retention**, greatly **reduce the maintenance**, while **increasing the life span by 2**.



> More information on [www.limatech.energy](http://www.limatech.energy)



## DYNAMICS SoH\* PROTECTIONS



The adaptive discharge detection system allows the full depth of discharge to be safely used.

## SMART BATTERY MANAGEMENT SYSTEM



The innovative balancing system optimizes the calendar life and maintenance operations.

## EFFICIENT POWER SYSTEM



The modular architecture allows for a better distribution of charge and discharge, thus optimizing lifespan and reliability.

## DYNAMIC SWITCH CONTROL



The BMS can independently switch off the charge and discharge according to events.

## LOW POWER SYSTEM



The BMS has a low static power consumption, while having all safety features active.

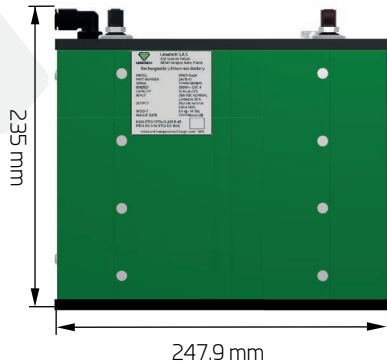
## SIMPLE MAN / MACHINE INTERFACE



The innovative ON/OFF button allows the operators to perform installation and maintenance operations safely.

\* State of Health

## DIMENSIONS



## PRODUCT FEATURES

Protections against	Overcharge, Unbalancing, Over and deep discharge, Short circuit, Extreme temperature
Internal Heater	Automatic (in floating) Manual heater in MMI*
Communication	Temperature measure, Over temperature fault
*Man / Machine Interface	ON / OFF Manual heater
Maintenance	1 charge every 2 years
Certifications	EASA ETSO-C179b CLASS B-4B RTCA DO-311A RTCA DO-160G

## PRODUCT PERFORMANCES

Voltage	Charge 28VDC Output 26.4 VDC
Charge Current Limiting	30A
Output Current (23°C / 73.4°F)	IPP 720A IPR 520A Continuous 420A
Weight	6.3kg ; 13.22lb
Energy Density	63Wh/kg ; 30Wh/lb
Operating Temperature	- 40°C to 70°C - 40°F to 158°F
Life Expectancy	8 to 10 calendar years Cycles > 1500