










ACES Lithium batteries HP series 24, 48V

ACES HP series batteries are based on cells with NMC chemistry.

The advantage of LNMC is the highest level the longest cycle life. The cells used in these batteries are also used for electric vehicles and have a very high degree of safety.

ACES has developed generation of HP batteries that have cells with a very high power density of 200Wh/kg at very high cycle life. A special Battery Management System (BMS) developed in the Netherlands guarantees high level of safety.

Lithium LFP Battery model	Specification	Chargers	Charger Specification
AL24V200HP 	<p>Vnom 24V Vmax 29.4V Vmin 21V</p> <p>Capacity 200Ah Current 0-180A</p> <p>Cycle life 5000</p> <p>Dimensions mm: 497 x 317 x 240 Weight 46 kg Waterproof IP65</p>	<p>ABC1350-2425LI </p> <p>ABC2000-2450LI </p>	<p>Voltage max. 29.4V Current 25A Charge time 100%: 9h Waterproof IP67 Size: 281x128x85mm</p> <p>Voltage max. 29.4V Current 50A Charge time 100%: 4.5h Waterproof IP67 Size: 282x168x94.5mm</p>
AL48V120HP 	<p>Vnom 48V Vmax 58.5V Vmin 42V</p> <p>Capacity 100Ah Current 0-100A</p> <p>Cycle life 5000</p> <p>Dimensions mm: 566 x 317 x 240 Weight 57 kg Waterproof IP65</p>	<p>ABC1350-4825LI </p> <p>ABC2000-4835LI </p>	<p>Voltage max. 58.5V Current 25A Charge time 100%: 5h Waterproof IP67 Size: 281x128x85mm</p> <p>Voltage max. 57.6V Current 35A Charge time 100%: 4h Waterproof IP67 Size: 282x168x94.5mm</p>
AL48V200HP 	<p>Vnom 48V Vmax 58.5V Vmin 42V</p> <p>Capacity 200Ah Current 0-180A</p> <p>Cycle life 5000</p> <p>Dimensions mm: 846 x 317 x 240 Weight 85 kg Waterproof IP65</p>	<p>ABC2000-4835LI </p> <p>ABC3300-4850LI </p>	<p>Voltage max. 58.5V Current 35A Charge time 100%: 6.5h Waterproof IP67 Size: 282x168x94.5mm</p> <p>Voltage max. 58.5V Current 50A Charge time 100%: 4.5h Waterproof IP67 Size: 326.5x188x114mm</p>