

# ACES Lithium batteries portable series 12, 24V



ACES portable series batteries are based on cylindric cells with NMC chemistry. The advantage of NMC cylindric cell is the lowest level of cost. The cells used in these batteries have a cycle life of up to 800 cycles. ACES has developed a series of portable batteries that have cells with a high power density of 200Wh/kg. A special Battery Management System (BMS) developed in the Netherlands guarantees high level of safety. The 12V and 22V model have 2 USB outputs (5V/2A) and a voltmeter

Lithium HE Battery model	Specification	Chargers	Charger Specification
<b>AL12V50HF and AL12V80HF</b> 	Vnom 12.8V Vmax 14.4V Vmin 10V  Capacity 50/80Ah Current 0-50A Cycle life < 2000  2 x USB + Voltmeter Dimension mm: 270 x 240 x 185 Weight 7 / 8.5kg Waterproof IP65	<b>ABC700-1220LI</b> 	Voltage max. 14.4V Current 20A Charge time 50AH: 3h Charge time 80AH: 4.5h  Waterproof IP67 Size: 187 x 123 x 68mm Connector: SB50
<b>AL22V60LN</b> 	Vnom 22V Vmax 25.2V Vmin 19V  Capacity 60Ah Current 0-40A Cycle life < 800  2 x USB + Voltmeter Dimension mm: 270 x 240 x 185 Weight 8 kg Waterproof IP65	<b>ABC240-2507</b> 	Voltage max. 25.2V Current 7A Charge time 100%: 8h  IP-rating: IP22 Size: 170 x 90 x 50 mm Connector: SB50
<b>AL24V120HN</b> 	Vnom 25.9V Vmax 29.4V Vmin 22V  Capacity 120Ah Current 0-60A  Cycle life < 800  Voltmeter Dimensions mm: 280 x 190 x 260 Weight 18 kg Waterproof IP65	<b>ABC360-2912</b>   <b>ABC700-2420LI</b> 	Voltage max. 29.4V Current 12A Charge time 100%: 10h IP-rating: IP22 Size: 180 x 90 x 63 mm Connector: SB50  Voltage max. 29.4V Current 20A Charge time 100%: 6h Waterproof IP67 Size: 187 x 123 x 68 mm Connector: SB50