

HLi - LITHIUM BATTERIES



Lithium rechargeable batteries have characteristics that offer fast recharging, light weight mono blocs and battery solutions, wide operating temperature range, excellent cycling performance (> 3000 cycles), low internal resistance, give high efficiency and a flat terminal voltage, therefore 100% of the battery's capacity can be accessed. Our Lithium Ion batteries can be fully charged over a wide temperature range, partially charged or up to 100 % within 3 hours, using the correct charger or charging system.



HLiPH LiFePO4 Batteries

SEC UK can design bespoke battery pack solutions or standard mono bloc batteries to suit all specifications, whatever the voltages and capacity requirements are. Applications include off-grid solar and/or wind, leisure market, DC power solutions, engine starting and primary power solutions; where fast recharge time is important.

Features: • Longer service life • Superior reliability • Excellent efficiency • 100% capacity is available • High energy density • Partial charge and discharge without damage to the battery • Wide temperature range • Option on terminal types

Type	Volts	Capacity Ah	Capacity Watts	Dimensions (mm)			Approx. Weight (Kg)	Terminal
				Length	Width	Total Height		
HLiPH 12-12	12.8	12	153.6	152	99	96	1.7	ST1
HLiPH 12-20	12.8	20	256	181	77	167	3	M5
HLiPH 12-26	12.8	26	332.8	166	125	125	4.2	M5
HLiPH 12-33	12.8	33	422.4	195	130	180	4.8	M6
HLiPH 12-45	12.8	45	576	197	165	170	7.5	M6
HLiPH 12-55	12.8	55	704	228	138	228	8	M6
HLiPH 12-80	12.8	80	1024	259	168	208	11	M6
HLiPH 12-100	12.8	100	1280	306	173	213	13.6	M8
HLiPH 12-120	12.8	120	1536	330	173	212	14.7	M8
HLiPH 12-150	12.8	150	1920	483	170	238	16.5	M8
HLiPH 12-200	12.8	200	2560	522	240	224	29.6	M8

Lithium Specials

We have extensive experience in the design and manufacture of bespoke Lithium options and can offer a multitude of Lithium technologies and options ranging from small bespoke battery packs through to Energy storage systems.

