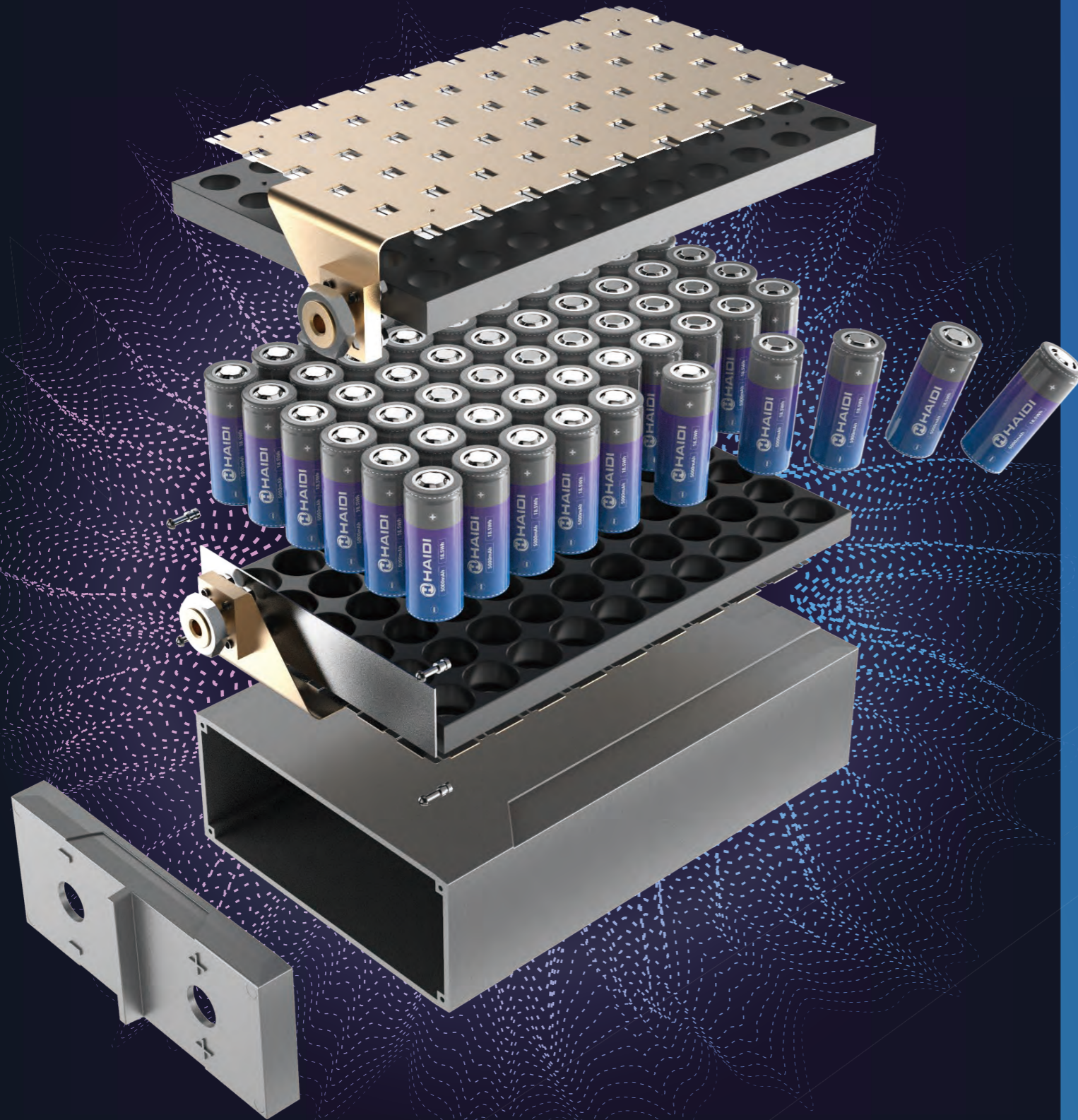


Lithium Battery Modules

Based on the company's proprietary lithium iron phosphate coating technology, the modules composed of LFP cylindrical cells deliver an industry-leading combination of energy density, cycle life, and safety. Akkutron's compact and lightweight modules are ideal for portable, mobile, stationary or EV applications where space, weight, and maintenance concerns are important.



LiFePO4 Module

Part No.	Nominal Voltage(V)	Rated Capacity(Ah)	Dimension(mm)			Total Height	Terminal	Weight(Kg)
			Length	Width	Height			
HDF3.2-50	3.2	50	181	77	105	120	M8	2.2
HDF3.2-100	3.2	100	126	78	105	246	M8	3.5
HDF3.2-150	3.2	150	278	77	168	142	M8	5.7
HDF3.2-200	3.2	200	186	81	271	278	M8	7.2

NMC Module

Part No.	Nominal Voltage(V)	Rated Capacity(Ah)	Dimension(mm)			Total Height	Terminal	Weight(Kg)
			Length	Width	Height			
HDN3.7-72	3.7	72	181	77	105	120	M8	2.3
HDN3.7-144	3.7	144	126	78	242	246	M8	3.6
HDN3.7-215	3.7	215	278	77	168	170	M8	5.9
HDN3.7-288	3.7	288	186	81	271	271	M8	7.3

Lithium Battery Module Datasheet



Battery Module Detail

Modular, Smart, Safe and efficient battery pack solution.

- Industry-leading cycle life
- High charge and discharge capability
- Ultra safety performance
- Wide operating temperature range
- Module design easy for installation
- Flame Retardant Housing

Lithium Battery Modules

This new series of scalable lithium-ion based battery modules built on cylindrical cell technology is a game-changer.

Think of these modules as the “building blocks” for your next power management project. These robust lithium battery modules are perfect for use in electric energy storage and mobility systems. Multiple modules can be configured together in series or parallel to increase voltage or capacity as needed (12v, 24v, 48v, etc.). Our flexibility of cell options and chemistries allows our customers on nearly any type of commercial, industrial, and OEM project.

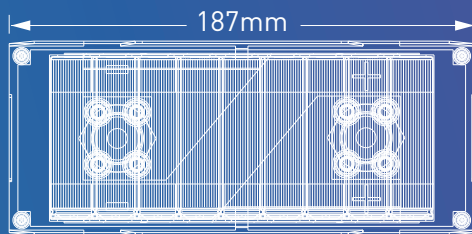


Cycle Life

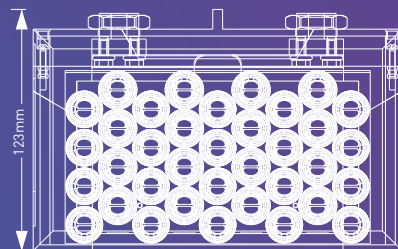
4000 up to times

[80% DoD, 0.2C, 25°C]

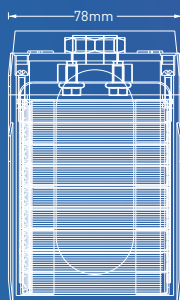
Scalable!design!means!faster!go-to-market!for!customers!with!custom!modules



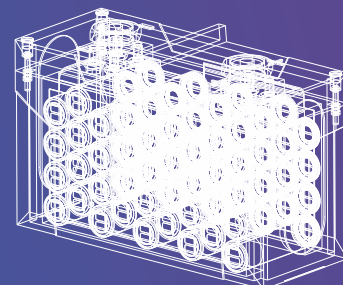
top view



front view



side view



side view