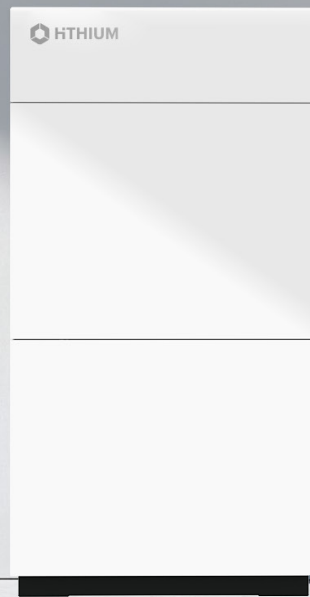


ARKVOLT F8S

DC Optimized HV Battery, combines high-performance power delivery with flexible system integration, maximizing system efficiency and extending battery life.



Built-in DC Optimizer

- 4kW DC-BMS integrated
- Mix-batch building possible
- Simplified inventory management



Flexible Capacity Expansion

- 8kWh per pack modular design
- 8-32kWh per cluster(stack)
- Parallel up to 256kWh



High Safety & Reliability

- Grid-proven LFP cells
- 8000 cycles lifespan
- Low heat production



Installation friendly

- IP65 rated enclosure
- Optional heating function

PRODUCT DETAILS

Model	HiTHIUM DC-Boost HV Series 【ARKVOLT F8S】
Battery module capacity	8kWh
Number of battery modules	1
Battery usable capacity	8kWh
Rated output power	4000W
Nominal voltage	576V
Operating voltage range	482V-657V
Rated input power	4000W
Rating	IP65
Cycle life	≥8000 cycles, @25°C, @0.5C, @90%DOD, @70%EOL
Scalability	Up to 32 battery modules in parallel
Weight	Approx 98kg
Dimension (L*W*H mm)	L597*W263*H677mm
Operation temperature range	Charge 0~55°C (without battery heating module) Discharge -20~55°C
Relative humidity	10%~90%, No condensation
Certifications	IEC 62619, IEC 62040, CE, UN38.3, MSDS, RoHS, REACH

*The above is for reference only, the specification sheet shall prevail.

Shenzhen Hithium Hero Energy Equity Technology Co., Ltd

<http://www.hithium-arkvolt.com/>



website