

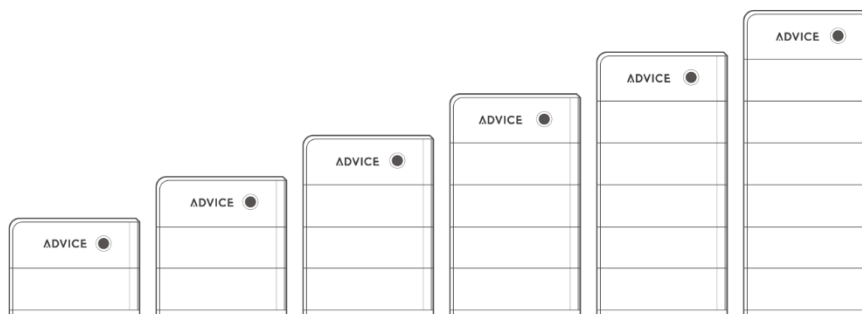
AEL-5-48KWH Battery

- Large cell capacity, low voltage & durable
- Multi-layer full battery safety protection
- Visible battery status on mySigen App
- Quick connectors for fast installation
- AI enablement, optimized battery cycle life
- Parallel connections for flexible battery mix

Specifications

Model	AEL-5KW	AEL-8KW
Performance specification		
Battery type	LifePO4	
Total energy capacity	5.38KWH	8.06 KWH
Usable energy capacity ¹	5.2 KWH	7.8 KWH
Battery modules voltage range (single phase system)	300V~600V	
Battery modules voltage range (three phase system)	600V~900V	
Max.charge / discharge power	2500W	4000W
Peak charger / discharge power (10 seconds)	3750W	6000W
General Data		
Weight	55kg	70kg
Dimensions (W/H/D)	767/270/260mm	
Storage temperature range	-25~60C	
Operating temperature range	-20~55C	
Relative humidity range	5%~95%	
Max. operating altitude	4000	
Cooling	Natural convection	
System ingress protection rating	IP66	
Installation method	Floor standing / Wall mounted	
Standard compliance		
Standard	IEC/EN60730-1, UN 38.3, IEC/EN62619, IEC/EN63056, IEC/EN62040	

* Product specifications are subject to change without further notice



Number of battery	1pcs	2pcs	3pcs	4pcs	5pcs	6pcs
Total energy capacity	8.06KWH	16.12 KWH	24.18 KWH	32.24 KWH	40.3 KWH	48.36 KWH
Max.charge / discharge power	4KW	8 KW	12 KW	16 KW	20 KW	24 KW
Total weight	112kg	183kg	254kg	325kg	396kg	467kg
Total height (with base)	640mm	910mm	1180mm	1450mm	1720mm	1990mm
Total width (with decorative covers)	850mm					
Total depth (with decorative covers)	260mm					

1. Test conditions: 100% depth of discharge 0.2C rate change & discharge averagely at 25C, at the beginning of life
2. The data in the table is based on the combination of Advice batt 8.0 and Advice EC three phase as an example with a ground mounted installation

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