



SigenStor Battery

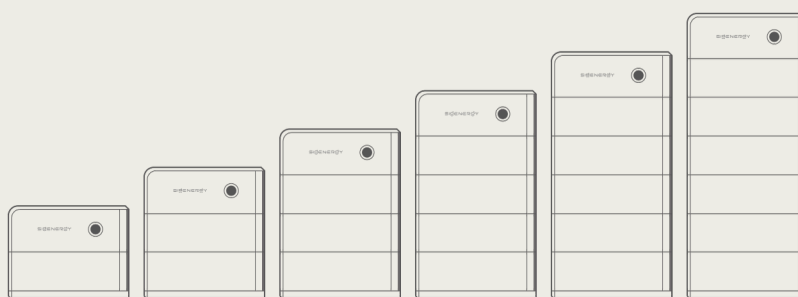
5.0 / 8.0 kWh

- Features large cell capacity and low voltage, ensuring durability and reliable performance
- It includes multi-layer full battery safety protection for enhanced security and peace of mind
- The mySigen App provides real-time visibility of battery status for easy monitoring and management
- Quick connectors enable fast and straightforward installation, saving time and effort
- AI enablement optimises battery cycle life, maximising efficiency and longevity
- Parallel connections allow for a flexible mix of battery configurations to suit diverse energy needs



Sigen Battery 5.0 / 8.0 kWh

SigenStor BAT	5.0		8.0	Units
Performance Specification				
Battery type	LiFePO4			
Cell capacity	280			Ah
Cycle life 1	10000			
Total energy capacity	5.38	8.06		kWh
Usable energy capacity 2	5.2	7.8		kWh
Battery modules voltage range (single phase system)	300 ~ 600			V
Battery modules voltage range (three phase system)	600 ~ 900			V
Max. charge / discharge power	2500	4000		W
Peak charge / discharge power (10 seconds)	3750	6000		W
General Data				
Weight	55	70		kg
Dimensions (W / H / D)	767 / 270 / 260			mm
Storage temperature range	-25 ~ 60			°C
Operating temperature range	-20 ~ 55			°C
Relative humidity range	5% ~ 95%			
Max. operating altitude	4000			m
Cooling	Natural convection			
System ingress protection rating	IP66			
Installation method	Floor standing / Wall-mounted			
Standard Compliance				
Standard	IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62040			



Number of battery modules 3	1	2	3	4	5	6	pcs
Total energy capacity	8.0	16.1	24.18	32.24	40.3	48.3	kWh
Max. charge / discharge power	6.4	2.8	12	16	20	6.24	kW
Total weight	112	183	254	325	396	467	kg
Total height (with base)	640	910	1180	1450	1720	1990	mm
Total width (with decorative covers)	850						mm
Total depth (with decorative covers)	260						mm



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