

Sigen Battery

SigenStor Neo BAT	6.0	8.0	Units
Performance Specification			
Battery type	LiFePO ₄		
Cycle life ¹	10000		
Total energy capacity	6.02	7.52	kWh
Depth of discharge ²	100%		
Max. charge / discharge power	4800 / 4800	3800 / 4800	W
Peak charge / discharge power (10 seconds)	6000		
General Data			
Weight	55	65	kg
Dimensions (W / H / D)	800 / 295 / 235		
Storage temperature range	-25 ~ 60		
Operating temperature range	-20 ~ 55		
Relative humidity range	5% ~ 95%		
Max. operating altitude	4000		
Cooling	Natural convection		
System ingress protection rating	IP66		
Installation method	Floor standing / Wall-mounted		
Number of modules per controller	1 ~ 6		
Compatible inverters	SigenStor Neo series		

1.

This is provided by the battery cell manufacturer. Based on cell test condition of 25±2°C, 0.5C charge and discharge rate and SOH=60%.

2.

Refers to the usable energy capacity. Battery must be recharged within 7 days after being fully discharged to keep battery healthy.