Sigen Battery

SigenStor Neo BAT	6.0	8.0	Units
Performance Specification			
Battery type	$LiFePO_4$		
Cell capacity	314	392	Ah
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		W
General Data			
Weight	55	65	kg
Dimensions (W / H / D)	800 / 295 / 235		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		
Number of modules per controller	1 ~ 6		pcs
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.