

SigenStor BAT	6.0	10.0	Units
---------------	-----	------	-------

## Performance Specification

Battery type	LiFePO4		
Cell capacity	314		
Cycle life <sup>1</sup>	10000		
Total energy capacity	6.02	9.04	kWh
Usable energy capacity <sup>2</sup>	5.84	8.76	kWh
Depth of discharge <sup>3</sup>	100%		
Max. charge / discharge power	3000	4600	W
Peak charge / discharge power (10 seconds)	4500	6900	W

## General Data

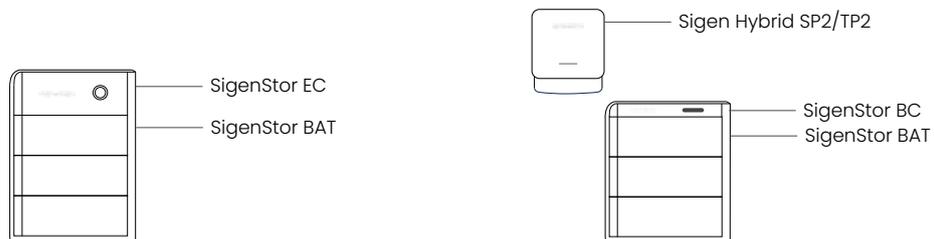
Weight	62	78	kg
Dimensions (W / H / D)	767 / 270 / 265		mm
Storage temperature range	-25 ~ 60		
Operating temperature range	-20 ~ 55		
Relative humidity range	5% ~ 95%		
Max. operating altitude	4000		
Cooling	Natural convection		
System ingress protection rating	IP66		
Installation method	Floor standing / Wall-mounted		
Number of modules per controller	1 ~ 6		

Compatible inverters  
SigenStor EC series  
Sigen Hybrid SP2/TP2 series <sup>4</sup>

## Standard Compliance

Standard IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62040

	SigenStor BC		
Operating voltage range (Single Phase)	300 ~ 600		V
Operating voltage range (Three Phase)	600 ~ 900		V
Weight	8		kg
Dimensions (W / H / D)	850 / 260 / 110		mm
Compatible battery system	SigenStor BAT series		
Compatible inverter	Sigen Hybrid SP2/TP2 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. Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25°C, at the beginning of life.
3. Refers to the usable energy capacity.
4. SigenStor BC must be used if Sigen Hybrid SP2/TP2 is to be connected to the Sigen Battery.

# Sigen Battery

SigenStor BAT	5.0	8.0	Units
---------------	-----	-----	-------

## Performance Specification

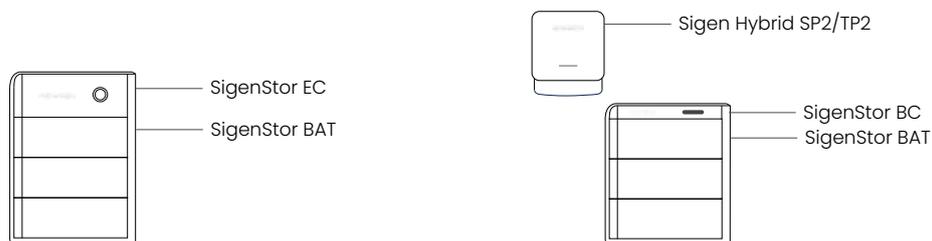
Battery type	LiFePO4		
Cell capacity	280		
Cycle life <sup>1</sup>	10000		
Total energy capacity	5.38	8.06	kWh
Usable energy capacity <sup>2</sup>	5.2	7.8	kWh
Depth of discharge <sup>3</sup>	100%		
Max. charge / discharge power	2500	4000	W
Peak charge / discharge power (10 seconds)	3750	6000	W

## General Data

Weight	55	70	kg
Dimensions (W / H / D)	767 / 270 / 260		mm
Storage temperature range	-25 ~ 60		
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 EC series Sigen Hybrid SP2/TP2 series <sup>4</sup>		

## Standard Compliance

Standard	IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62040		
	<b>SigenStor BC</b>		
Operating voltage range (Single Phase)	300 ~ 600		V
Operating voltage range (Three Phase)	600 ~ 900		V
Weight	8		kg
Dimensions (W / H / D)	850 / 260 / 110		mm
Compatible battery system	SigenStor BAT series		
Compatible inverter	Sigen Hybrid SP2/TP2 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. Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25°C, at the beginning of life.
3. Refers to the usable energy capacity.
4. SigenStor BC must be used if Sigen Hybrid SP2/TP2 is to be connected to the Sigen Battery.