Solar & BatteriesOnline

SBR096/128/160/192/224/256

High Voltage LFP Battery

HIGH-PERFORMANCE

- 100% usable energy
- 30A continuous charging and discharging current

SAFETY

- Lithium iron phosphate battery
- Multi-stages protection design plus authorized certification

FLEXIBILITY

- Extendable during life time[1]
- Support 3–8 modules per unit, max. 4 units in parallel, 9–100 kWh capacity range

EASY INSTALLATION

- Compact and Light, single person installation
- Plug and Play, wiring-less connection between modules

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Type designation	SBR096	SBR128	SBR160	SBR192	SBR224	SBR256
Technical properties	3 modules	4 modules	5 modules	6 modules	7 modules	8 modules
System Data						
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	3.2kWh,33 kg					
Nominal Capacity	9.6 kW h	12.8kWh	16kWh	19.2kWh	22.4kWh	25.6kWh
Energy (usable) [2]	9.6 kW h	12.8kWh	16kWh	19.2kWh	22.4kWh	25.6kWh
Nominal voltage	192 V	256 V	320 V	384 V	448 V	512 V
Operating voltage	150 – 219 V	200 – 292 V	250 – 365 V	300 – 438 V	350 – 511V	400 – 584 V
Rated DC power	5.76 kW	7.68 kW	9.6 kW	11.52kW	13.44 kW	15.36 kW
Max.charge/discharge power	6.57 kW	8.76 kW	10.95 kW	13.14kW	15.33 kW	17.52 kW
Max.charging/discharging current: continuous	30 A					
Max.charging/discharging current: 10spulse	42 A					
Depth of Discharge	100%					
Short circuit current	1700 A					
Display	SOC indicator,status indicator					
Communication interface	CAN					
Protection						
Over /under voltage protection	Yes					
Over current protection	Yes					
Over /under temperature protection	Yes					
DC breaker	Yes					
General Data						
Dim ensions (W*H*D)	625*545*330mm	625*675*330mm	625*805*330mm	625*935*330mm	625*1065*330mm	625*1195*330mm
Weight	114kg	147 kg	180 kg	213 kg	246 kg	279 kg
Installation location	Indoor /Outdoor					
Mounting method	Floor stand					
Operating ambient temperature range	Charge:0 to 50 ℃ /Discharge:-30 to 50 ℃					
Degree of protection	IP55					
Allowable relativehumidity range	0% to 95% (non-condensing)					
Max.operating altitude	2000 m					
Cooling method	Natural convection					
Certificates	CE ,CEC ,IEC 62619,IEC 62040, UN38.3, VDE 2510-50[5]					
Warranty [3]	10Years					
Expansion adaptation [4]	Up to 4 units in parallel (need extra Junction box)					

1:Availab le in Q 3, 2021
2: Test co nditio ns: 25℃, 100% d epth of disch arg e (D O D), 0.2C ch arg e&disch arg e
3: R efer to b attery w arranty letter for co nditio nal ap plicatio n.
4: Availab le in Q 3, 2021
5: Availab le in Q2,2021

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