

SBR096/128/160/ 192/224/256

High Voltage LFP Battery



HIGH-PERFORMANCE

- Up to 30 A continuous charging and discharging current with high efficiency
- Up to 100% usable energy



SAFETY

- Lithium iron phosphate Battery
- Multi-stages protection design and extensive safety certification



FLEXIBILITY







- Extendable during lifetime
- 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, no cables needed between battery modules



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	3.2 kWh, 33 kg					
Energy (useable) *	9.6 kWh	12.8 kWh	16 kWh	19.2 kWh	22.4 kWh	25.6 kWh
Nominal voltage	192 V	256 V	320 V	384 V	448 V	512 V
Operating voltage	150 V – 219 V	200 V – 292 V	250 V – 365 V	300 V – 438 V	350 V – 511 V	400 V – 584 V
Max. charging/discharging current: continuous	30 A					
Depth of discharge	Max. 100 % DOD (settable)					
Short circuit current	3500 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						
Dimensions (W*H*D)	625 * 545 * 330 mm	625 * 675 * 330 mm	625 * 805 * 330 mm	625 * 935 * 330 mm	625 * 1065 * 330 mm	625 * 1195 * 330 mm
Weight	114 kg	147 kg	180 kg	213 kg	246 kg	279 kg
Installation location	Indoor / Outdoor					
Mounting method	Floor stand					
Operating ambient temperature range	Charge: 0 °C - 50 °C Discharge: -20 °C - 50 °C					
Degree of protection	IP55					
Allowable relative humidity range	0% - 95% (non - condensing)					
Max. operating altitude	Max. 4000 m					
Cooling method	Natural convection					
Certificates	CE, CEC, IEC 62619, IEC 62040, UN 38.3, VDE 2510-50					
Warranty **	10 Years					

* Test conditions: 25 °C, 100 % depth of discharge (DOD), 0.2C charge & discharge.

** Refer to battery warranty letter for conditional application.

