






SUNGROW - BATTERY STORAGE



FEATURES

-  Up to 30A continuous charging and discharging current with high efficiency
-  Up to 100% usable energy
-  Lithium iron phosphate battery
-  Extendable during lifetime: Support 2-8 modules per unit
-  Easy installation

10-years warranty

SPECIFICATIONS

TECHNICAL PROPERTIES	SBR064	SBR096	SBR128	SBR160	SBR192	SBR224	SBR256
Number of Modules	2	3	4	5	6	7	8
Battery type	LiFePO4 Prismatic Cell						
Battery module	3.2 kWh, 33 kg						
Energy (usable) ¹	6.4 kWh	9.6 kWh	12.8 kWh	16 kWh	19.2 kWh	22.4 kWh	25.6 kWh
Nominal voltage	128 V	192 V	256 V	320 V	384 V	448 V	512 V
Operating voltage	108 V – 146 V	162 V – 219 V	216 V – 292 V	270 V – 365 V	324 V – 438 V	378 V – 511 V	432 V – 584 V
Rated DC power	3.84 kW	5.76 kW	7.68 kW	9.60 kW	11.52 kW	13.44 kW	15.36 kW
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						

SPECIFICATIONS

TECHNICAL PROPERTIES	SBR064	SBR096	SBR128	SBR160	SBR192	SBR224	SBR256
Protection							
Over / under voltage protection	Yes						
Over current protection	Yes						
Over/under temperature protection	Yes						
DC breaker	Yes						
General Data							
Dimensions (W*H*D) mm	625*545*330	625*545*330	625*675*330	625*805*330	625*935*330	625*1065*330	625*1195*330
Weight	89 kg	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	4000 m						
Cooling method	Natural convection						
Certificates	CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50, IEC62477, IEC63056, IEC61000, UKCA						
Warranty ²	10 Years						
Country of manufacture	Made in China						

