

# SJR064/096/128/160/ 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 2-8 modules per unit, 6.4–25.6 kWh capacity range



## EASY INSTALLATION

- Compact and Light, single person installation
- Plug and Play, no cables needed between battery modules

Type designation	SJR064 *	SJR096	SJR128	SJR160	SJR192	SJR224	SJR256
Technical properties							
	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules	8 modules
<b>System data</b>							
Battery type	LiFePO4 Prismatic Cell						
Battery module	3.2 kWh, 33 kg						
Energy (useable) **	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
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						
<b>Protection</b>							
Over/under voltage protection	Yes						
Over current protection	Yes						
Over/under temperature protection	Yes						
DC breaker	Yes						
<b>General data</b>							
Dimensions (W*H*D)	625*545*330 mm	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	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	Max. 4000 m						
Cooling method	Natural convection						
Certificates	CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50, IEC 62477, IEC 63056, IEC 61000, UKCA						

\* SJR064 consists of 2 battery modules and 1 empty module.

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

\*\*\* The maximum charging/discharging current of SJR064 is 20A when used with SHRT series inverter.