

SG/EBS-5150- 7/10/12/15/20/23/25

HV storage batteries



CHARACTERISTICS

- Modular design with expandable capacity from 7,68-25,6kWh
- Reliable performance, long working life with 6000 cycles @80% DOD
- Easy installation, stacked structure with optimized installation mode
- Smart operations, remote diagnostics, and updates with SOLARMG EMS
- Fully recharges the battery within two hours

Code	SG/EBS-5150-7	SG/EBS-5150-10	SG/EBS-5150-12	SG/EBS-5150-15	SG/EBS-5150-20	SG/EBS-5150-23	SG/EBS-5150-25
Model	153.6V50Ah	204.8V50Ah	256V50Ah	307.2V50Ah	409.6V50Ah	460.8V50Ah	512V50Ah
Number of levels	3	4	5	6	8	9	10
Capacity	7.68KWh	10.24KWh	12.8KWh	15.36KWh	20.48KWh	23.04KWh	25.6KWh
Operating Voltage Range	134.4V-168.48V	179.2V-224.64V	224V-280.8V	268.8V-336.96V	358.4-449.28V	403.2V-505.44V	448V-561.6V
Dimensions (L*W*H) mm	600*210*870	600*210*1030	600*210*1190	600*210*1350	600*210*1670	600*210*1830	600*210*1990
Weight kg)	102.5	129	155.5	182	235	261.5	288
Recommended charging current	25A						
Max charging current	50A						
Max discharge current	50A						
Peak current	100A/I						
Display	soc						
Communication	Support RS485 / CAN						
Operating temperature	~20°C~55°C						
Installation environment	Indoor						
Relative humidity	5%~95%						
Cooling mode	Natural Convection						
Cell technology	Lithium-iron phosphate (LiFeP04)						
Useful life cycle	6000 times @80%D0D						
Certifications	CB, IEC62619, CE-EMC, CE-GPSPD, UKCA, UL1973, UL9540A, IEC/EN62040; UN38.3, MSDS						
Single module technical specifications							
Module	51.2V 50Ah, 2.56kWh						
Dimensions (L*W*H) mm	High Voltage Box:600*210*250 Battery Box:600*210*160						
Weight kg)	High Voltage Box:14 Battery Box:28						