

EBS-5150 High Voltage Battery

EBS-5150-5/7/10/12/15/17/20

2.56kWh

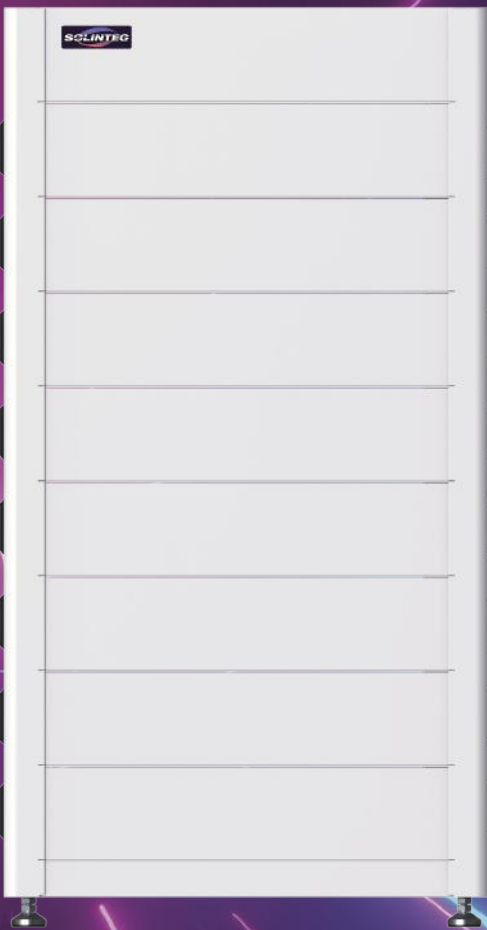
Modular Design

50Ah

Nominal Capacity

25A

Charge/Discharge Current



Residential Energy Storage System



Flexible Application

- Modular design with extensible capacity from 5.12-20.48kWh



Reliable Performance

- Long working life with 6000 cycles @80% DOD



Easy Installation

- Stacked structure with optimized installation mode



Intelligent Operation

- Remote diagnosis and upgrade with Solinteg EMS



Quick Charge

- Full charge your battery within two hours

Integ E Series

The Power Extender



Model	EBS-5150-5	EBS-5150-7	EBS-5150-10	EBS-5150-12	EBS-5150-15	EBS-5150-17	EBS-5150-20
Number of Battery Modules	2	3	4	5	6	7	8
Rated Energy [kWh]	5.12	7.68	10.24	12.80	15.36	17.92	20.48
Nominal Capacity [Ah]	50						
Nominal Voltage [V]	102.4	153.6	204.8	256.0	307.2	358.4	409.6
Operating Voltage [V]	89.6-115.2	134.4-172.8	179.2-230.4	224.0-288.0	268.8-345.6	313.6-403.2	358.4-460.8
Maximum Charge Current [A]	25 (Recommend) / 50 (Maximum)						
Maximum Discharge Current [A]	25 (Recommend) / 50 (Maximum)						
Cycle Times	6000 Cycle @80% DOD						
Communication	RS485 / RS232 / CAN						
Working Temperature [°C]	0~55 @Charging / -10~55 @Discharging						
Optimized Working Temperature [°C]	20~30						
Protection Degree	IP54						
Relative Humidity [%]	5~95						
Battery Type	LiFePO4						
Dimensions [W×H×D mm]	708×315×506	708×315×643	708×315×780	708×315×917	708×315×1054	708×315×1191	708×315×1328
Weight [KG]	85.8	118	150.3	182.6	214.9	247.2	279.4
Certification	CE / IEC62619 / UN38.3						

MHS-3~8K series suitable battery range from EBS-5150-5 to EBS-5150-17;
MHT 4~20K series suitable battery range from EBS-5150-7 to EBS-5150-20;