

Integ E Series

THE POWER EXTENDER



EBS-5150 High Voltage Battery

2.56kWh

Modular Design

50Ah

Nominal Capacity

25A

Charge/Discharge Current

Residential Energy Storage System

SOLINTEG



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



Quick Charge

Charge your battery within two hours



Intelligent Operation

Remote diagnosis and upgrade with Solinteg EMS





Type Designation	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	5.12 kWh	7.68 kWh	10.24 kWh	12.80 kWh	15.36 kWh	17.92 kWh	20.48 kWh
Nominal Capacity	50 Ah						
Nominal Voltage	102.4 V	153.6 V	204.8 V	256.0 V	307.2 V	358.4 V	409.6 V
Operating Voltage	89.6-115.2 V	134.4-172.8 V	179.2-230.4 V	224.0-288.0 V	268.8-345.6 V	313.6-403.2 V	358.4-460.8 V
Maximum Charge Current	25A (Recommend) / 50A (Maximum)						
Maximum Discharge Current	25A (Recommend) / 50A (Maximum)						
Cycle Times	6000 Cycle @80% DOD						
Communication	RS485 / RS232 / CAN						
Working Temperature	0°C~55°C @Charging / -20°C~55°C @Discharging						
Optimized Working Temperature	20°C~30°C						
Protection Degree	IP54						
Relative Humidity	5%-95%						
Dimensions (W×D×H mm)	708×315×506	708×315×643	708×315×780	708×315×917	708×315×1054	708×315×1191	708×315×1328
Weight	85.8 kg	118 kg	150.3 kg	182.6 kg	214.9 kg	247.2 kg	279.4 kg
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