

# EBR-B5K3-A High Voltage Battery

EBR-S32/37/42/48/53/59/64/69/75K



**5.37kWh**

Modular Design

**105Ah**

Nominal Capacity

**100A**

Max. Charge/Discharge Current



## Scalable and Robust Application

- Supports parallel connection of up to 8 units, with a total capacity ranging from 32.2 kWh to 601.4 kWh
- Capable of managing up to 100A charge/discharge current for efficient energy usage



## Long-Lasting and Reliable

- Engineered for long working life with a 10-year warranty
- Cell-level monitoring and balancing ensure optimal performance and safety



## Intelligent and Convenient Management

- Regular firmware updates and remote service maintain system efficiency
- Seamlessly manage your entire solar-storage system with Solinteg Cloud for enhanced intelligence and convenience



## Simplified Installation and Maintenance

- Slide-in design for easy installation and removal, saving time and effort
- Rack-mounted design improves airflow, ensuring optimal operating temperatures and extending device lifespan

# Integ E Series

## The Power Extender

Storage System		EBR-S32K	EBR-S37K	EBR-S42K	EBR-S48K	EBR-S53K	EBR-S59K	EBR-S64K	EBR-S69K	EBR-S75K	
Module Number		6	7	8	9	10	11	12	13	14	
Nominal Energy	[kWh]	32.22	37.59	42.96	48.33	53.70	59.07	64.44	69.81	75.18	
Usable Energy	[kWh]	29.00	33.83	38.66	43.50	48.33	53.16	58.00	62.83	67.66	
Nominal Capacity	[Ah]	105									
Nominal Voltage	[V]	307.2	358.4	409.6	460.8	512.0	563.2	614.4	665.6	716.8	
Min. Voltage	[V]	279.0	325.5	372.0	418.5	465.0	511.5	558.0	604.5	651.0	
Max. Voltage	[V]	350.4	408.8	467.2	525.6	584.0	642.4	700.8	759.2	817.6	
Recommend Current	[A]	50 (Charge) / 50 (Discharge)									
Max. Current	[A]	100 (Charge) / 100 (Discharge)									
Weight	[KG]	377	426	496	545	594	643	719	768	817	
Dimensions	[W×D×H mm]	554×662×1526			1092×662×1206				1092×662×1526		
Protection Degree		IP21									
Warranty		10 Years (Performance Warranty)*									
Operation Temperature	[°C]	0~55 (Charge) / -10~55 (Discharge)									
Relative Humidity	[%]	5~95 (No Condensation)									
Altitude	[m]	2000									
Cell Type		LiFePO4									
Module Connection		Series with Quick Connector									
Battery Series Connection		6 ~ 14 with one Controller									
Parallel Connection		Max. 8 Clusters, with Parallel box and Combiner box (customer prepared)									
Communication		CAN, RS232									
Certification		CE / IEC62619 / IEC 62368 / UN38.3									
Protection Strategy		Over-current @ Charge and Discharge Over-temp. @ Charge and Discharge Under-temp. @ Charge and Discharge Over-voltage @ Charge Under-voltage @ Discharge Over Charge and Discharge @ SOC Short Circuit Isolation Checking									

Capable of parallel connection for more capacity.

\* Please refer to Solinteg Battery warranty for details;

\*\* Please strictly follow the installation instruction for safety;

\*\*\* Please refer to User Manual for more detailed data.