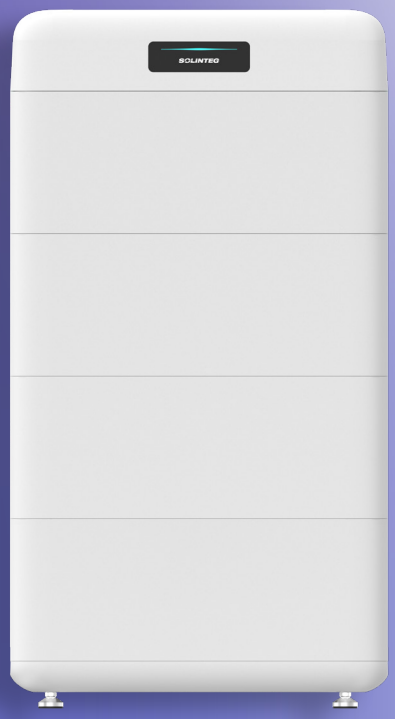
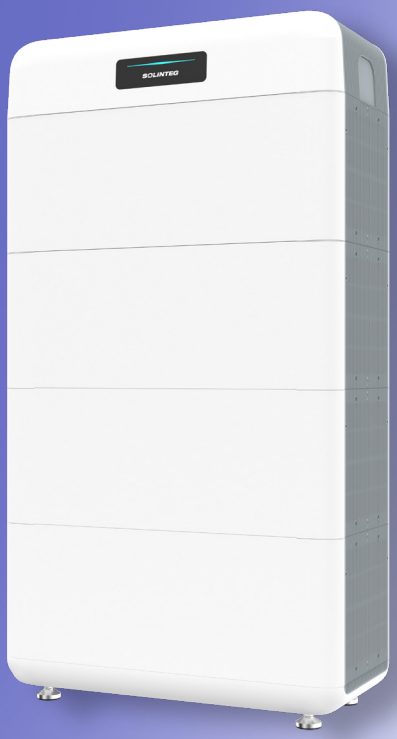




Integ E Series

The Power Extender

E2BS-B6/9K0-D

High Voltage Battery

PEAK PERFORMANCE

- 314Ah High-Capacity Cells: High energy density designed for long-term cycle life
- Module-Level DCDC: Integrated DC optimizer for independent and optimized performance
- 4.5kW Robust Output: Power heavy household loads with ease during outages
- 100% Usable Capacity: True 100% DoD ensures maximum return on investment

UNMATCHED FLEXIBILITY

- Adaptive "Mix & Match": Seamlessly combine old and new modules without performance loss
- Plug & Play Scalability: Easily expand capacity from 6kWh to 54kWh as your needs grow
- Unified Ecosystem: Fully optimized for seamless integration with Solinteg hybrid inverter solutions

ADVANCED SAFETY

- Active Fire Suppression: Built-in aerosol system and physical decompression valves
- All-Weather Ready: Intelligent self-heating for reliable charging in extreme cold
- IP65 Rated Resilience: Dustproof and waterproof for versatile indoor/outdoor setup

SUPERIOR EXPERIENCE

- Quick & Simple Installation: Wireless stacking with blind-mating for error-free setup
- Intelligent Sleep Mode: Ultra-low standby power to prevent battery drain
- Cell-Level Monitoring: Real-time status and remote O&M via Solinteg Monitoring Platform

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sales@solinteg.com
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E2BS-B6/9K0-D

Specifications		E2BS-B6K0-D	E2BS-B9K0-D
Battery Type		$LiFePO_4$	
Cell Capacity	[Ah]	314	
Cycle Life *		8000	
Nominal Energy	[kWh]	6.02	9.04
Usable Energy **	[kWh]	6.00	9.00
Depth of Discharge ***		100%	
Rated Charge/Discharge Power	[kW]	3	4.5
Peak Charge/Discharge Power (10 seconds)	[kW]	4.5	6.75
Operating Voltage Range	[V]	350-900	430-900
Scalability		1~6	
General Data			
Dimensions	[W×H×D mm]	745×310×345	
Weight	[KG]	59	77.5
Ingress Protection		IP65	
Installation Method		Floor Stacked	
Operating Temperature Range		-20~55℃ (Charging: 0~55℃, Discharging: -20~55℃)	
Relative Humidity		5% to 95%, Non-condensation	
Operating Altitude	[m]	≤ 3000	
Cooling		Natural Conversion	
Warranty		10 Years	
Compatible inverters		MHS 3-8K-30, MHT 4-12K-25, MHT 10-20K-40, M2HS 3-6K-30, M2HS 5-12K-50, M2HT 5-10K-30, M2HT 10-30K-80, M2HT 25-50K-150, M2HT 25-50K-160-Neo	MHT 4-12K-25, MHT 10-20K-40, M2HS 5-12K-50, M2HT 5-10K-30, M2HT 10-30K-80, M2HT 25-50K-150, M2HT 25-50K-160-Neo
Control Box		**E2BS-C6-D**	
Operating voltage range	[V]	350-900	
Rated Charge/discharge Current	[A]	40	
Weight	[KG]	7	
Dimensions	[W×H×D mm]	745×160×345	
Communication		CAN	
Display		LED	

* This is provided by the battery cell manufacturer. Based on cell test condition of 25±2℃, 0.5C charge and discharge rate and SOH=60%;
** Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25℃.
*** Refers to the usable energy capacity.

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