

Borochoi Energy Storage



BES-H2 | BES-H3 | BES-H4



Modular and Expandable



Emergency Power Supply

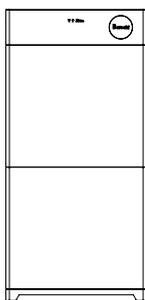


Long Service Life

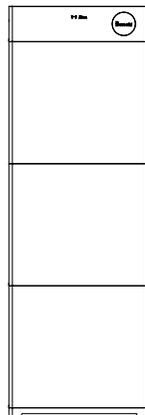


Simple and Space-Saving Installation

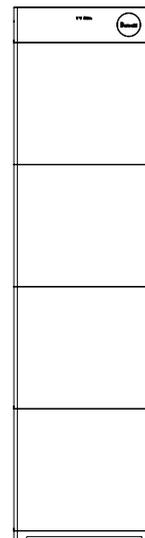
Model	BES-H2	BES-H3	BES-H4
Performance			
Battery Quantity	2	3	4
Rated Capacity [kWh]	10.24	15.36	20.48
Usable Capacity [kWh]	9.21	13.81	18.41
DC-Rated Voltage [V]	204.8	307.2	409.6
Operating Voltage Range [V]	160~233.6	240~350.4	320~467.2
Rated Charging/Discharging Power [kW]	5.12	7.68	10.24
Rated Charging/Discharging Current [A]		25	
Max. Charging/Discharging Current [A]		50	
Max. Depth of Discharge (DOD)		90%	
General Data			
Charging/Discharging Temperature Range [°C]		-10~50 / -20~50	
Best Storage Temperature [°C]		-30~60	
Relative Humidity		≤95%, Non-Condensing	
Operating Altitude [m]		≤4,000 (Derating above 2,000)	
Weight [kg]	146.5	211.4	276.6
Dimensions (W*H*D) [mm]	600 × 1240 × 265	600 × 1760 × 265	600 × 2280 × 265
Ingress Protection (IP) Rating		IP65	
Installation		Floor Installation	
Cooling		Natural Convection	
Battery Technology		Lithium Iron Phosphate (LiFePO4)	
Display		SOC, Operating Status	
Communication		CAN	
Battery Cell Warranty		10 Years (up to 80% of nominal usable battery capacity)	
Certification		IEC 60730; EN IEC 62619; EN IEC 62477-1; EN IEC 61000-6-3:2021; EN IEC 61000-6-1/2/4 :2019; UN38.3; CB; CE	



BES-H2



BES-H3



BES-H4

* The technical specifications may be changed without prior notice due to product improvements.

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