

BYD B-BOX BATTERY STORAGE

B-BOX HV



Model	B-Box H6	B-Box H7	B-Box H8	B-Box H9	B-Box H10
Battery Type	LiFePO ₄				
Battery Module	B-Plus-H (1.12kWh) 5 modules	6 modules	7 modules	8 modules	9 modules
Nominal Battery Energy[kWh]	5.6	6.72	7.84	8.96	10.08
Usable Battery Energy ^[1] [kWh]	5.34	6.43	7.52	8.61	9.69
Max Output Power[kW]	5.6	6.72	7.84	8.96	10.08
Peak Output Power[kW]	11.2, 5mins	13.44, 5mins	15.68, 5mins	17.92, 5mins	20.16, 5mins
Round-Trip Energy Efficiency	≥ 95.3(Under test condition[1])				
Nominal Voltage[V]	256	307	358	409	460
Operating Voltage Range[V]	200~282	240~338	280~395	320~451	360~500
Communication	CAN/RS485				
Dimension[W × H × D, mm]	580 × 899 × 380	580 × 1019 × 380	580 × 1139 × 380	580 × 1259 × 380	580 × 1379 × 380
Net Weight of System[kg]	131	154	176	199	222
Enclosure Protection Rating	IP55				
Warranty	10 years				
Ambient Temperature Tange ^[2] [°C]	-10~+50				
Certification & Safety Standard	TUV / CE / UL1973 /RCM / Safety Guidelines				
Scalability	Max. 5 systems in parallel				
Compatible Inverters	To be announced				

[1] Test conditions: 0.25C discharge@+25°C

[2] -10°C~-5°C will be derating

Build Your Dreams

BYD B-BOX BATTERY STORAGE

B-BOX LV Residential



Model	B-Box 2.5	B-Box 5.0	B-Box 7.5	B-Box 10.0
Battery Type	Iron phosphate battery			
Battery Module	B-Plus2.5 (2.56kWh) 1 module	2 modules	3 modules	4 modules
Nominal Battery Energy[kWh]	2.56	5.12	7.68	10.24
Max Output Power[kW]	2.56	5.12	7.68	10.24
Peak Output Current[Amp]	100,3mins	200,3mins	300,3mins	400,3mins
Usable Battery Energy [1] [kWh]	2.45	4.9	7.35	9.8
Nominal Voltage[V]	51.2			
Working Voltage[V]	40~56.4			
Communication	CAN/RS485			
Dimension of Cabinet [W×H×D,mm]	620×1728×320			
Net Weight of System[Kg]	100	135	170	205
Enclosure Protection Rating	IP55			
Calendar Life[Cycles]	> 6000			
Operating Temperature Range[°C]	0~+50			
Certification & Safety Standard	TUV / CE / UN38.3 /RCM / Safety Guidelines			
Scalability [kWh]	Up to 80			
Compatible Inverters	SMA/GOODWE/ SolaX/ Victron,More brands will be announced			

[1] Test conditions: 0.2C discharge@+25°C

Build Your Dreams