

BYD B-Box BATTERY STORAGE

B-Box HV



Model	B-Box H 6.4	B-Box H 7.7	B-Box H 9.0	B-Box H 10.2	B-Box H 11.5
Battery Type	LiFePO ₄				
Battery Module	B-Plus-H (1.28 kWh)				
	5 modules	6 modules	7 modules	8 modules	9 modules
Usable Energy ^[1] [kWh]	6.40	7.68	8.96	10.24	11.52
Max Output Power [kW]	6.40	7.68	8.96	10.24	11.52
Peak Output Power [kW]	12.8, 5mins	15.36, 5mins	17.92, 5mins	20.48, 5mins	23.04, 5mins
Round-Trip 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 × 894 × 380	580 × 1014 × 380	580 × 1134 × 380	580 × 1254 × 380	580 × 1374 × 380
Net Weight [kg]	148	174	200	226	252
Enclosure Protection Rating	IP55				
Warranty	10 years				
Ambient Temperature Range ^[2] [°C]	-10 ~ +50				
Certification & Safety Standard	CE / UL1642 / RCM / Sicherheitsleitfaden Li-Ionen-Hausspeicher				
Scalability	Max. 5 systems in parallel (Available for Q1, 2018)				
Compatible Inverters	SMA / KOSTAL, more brands to be announced				

[1] Test conditions: 100% DOD, 0.5C charge & discharge @+25 °C

[2] -10 °C ~ -10 °C will be derating

*System Usable Energy may be variant with different inverter brands



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