

BYD B-Box BATTERY STORAGE

B-Box LV Professional



B-Box Pro 2.5~10.0



B-Box Pro 13.8

Model	B-Box Pro 2.5	B-Box Pro 5.0	B-Box Pro 7.5	B-Box Pro 10.0	B-Box Pro 13.8
Battery Type	LiFePO ₄				
Battery Module	1 module	B-Plus 2.5 (2.56 kWh) 2 modules 3 modules		4 modules	B-Plus 13.8 (13.8 kWh)
Usable Energy ^[1] [kWh]	2.56	5.12	7.68	10.24	13.8
Max Output Power [kW]	2.56	5.12	7.68	10.24	12.8
Peak Output Power [kW]	5.12, 30s	10.24, 30s	15.36, 30s	20.48, 30s	13.3, 60s
Round-Trip Efficiency	≥95.3% (Under test condition [1])				
Nominal Voltage [V]	51.2				
Operating Voltage Range [V]	43.2~56.4				
Communication	CAN / RS485				
Dimension [W × H × D, mm]	600×883×510				650×800×550
Net Weight [kg]	79	113	147	181	175
Enclosure Protection Rating	IP20				
Warranty	10 years				
Ambient Temperature Range ^[2] [°C]	-10 ~ +50				
Certification & Safety Standard	TUV / CE / UN38.3 Sicherheitsleitfaden Li-Ionen-Hausspeicher				CE / RCM / UN38.3
Scalability	Max. 8 B-Box Pro 10.0 systems in parallel				Max. 32 systems in parallel
Compatible Inverters	SMA / GOODWE / SOLAX / Victron, 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