



Build
Your
Dreams
NEW
ENERGY

BYD COMPANY LIMITED

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BYD B-BOX BATTERY STORAGE

B-BOX LV Professional



B-Box 2.5~10.0

B-Box 12.8

Model	B-Box 2.5	B-Box 5.0	B-Box 7.5	B-Box 10.0	B-Box 12.8
Battery Type	Iron phosphate battery				
Battery Module	B-Plus2.5 (2.56kWh) 1 module 2 modules 3 modules 4 modules				B-Plus-12.8 (12.8kWh) 4 modules
Nominal Battery Energy[kWh]	2.56	5.12	7.68	10.24	12.8
Max Output Power[kW]	2.56	5.12	7.68	10.24	12.8
Peak Output Current[Amp]	100,3mins	200,3mins	300,3mins	400,3mins	260,60secs
Usable Battery Energy [1] [kWh]	2.45	4.9	7.35	9.8	12
Nominal Voltage[V]	51.2				
Working Voltage[V]	40~56.4				
Communication	CAN/RS485				
Dimension of Cabinet [W × H × D,mm]	600×510×883				650×550×800
Net Weight of System[Kg]	85	120	155	190	180
Enclosure Protection Rating	IP20				
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				Up to 409
Compatible Inverters	SMA/GOODWE/ SolaX/ Victron, More brands will be announced				

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

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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]	620×320×1728			
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

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