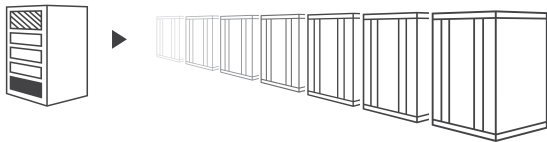


Battery-Box Pro

Battery-Box Pro 2.5-10.0 consists of the battery modules B-Plus L 2.5 with 2.56 kWh usable capacity each. Up to 4 B-Plus L 2.5 modules can fit into one cabinet, and up to 8 cabinets can be put into parallel connection. Thus capacities from 2.56 to 81.92 kWh can be chosen individually in 2.56 kWh steps.



Battery-Box Pro 2.5-10.0



	Battery-Box Pro 2.5	Battery-Box Pro 5.0	Battery-Box Pro 7.5	Battery-Box Pro 10.0	
Battery module		B-Plus L 2.5 (2.56 kWh, 40 kg)			
	1 module	2 modules	3 modules	4 modules	
Usable Energy ^[1]	2.56 kWh	5.12 kWh	7.68 kWh	10.24 kWh	
Max Output Power	2.56 kW	5.12 kW	7.68 kW	10.24 kW	
Peak Output Power	5.12 kW, 30 s	10.24 kW, 30 s	15.36 kW, 30 s	20.48 kW, 30 s	
Round-Trip Efficiency	≥95.3 % [1]				
Nominal Voltage	51.2 V				
Operating Voltage Range	43.2~56.4 V				
Communication	CAN / RS485				
Dimensions (W/H/D)	600 x 883 x 510 mm				
Net Weight	86 kg	126 kg	166 kg	206 kg	
Enclosure Protection Rating	IP20				
Warranty ^[2]	10 years				
Operating temperature ^[3]	-10 °C to +50 °C				
Certification & Safety Standard	TUV (IEC62619) / RCM / UN38.3				
Scalability	Max. 32 B-Plus L 2.5 in parallel / 81.92 kWh				
Compatible Inverters ^[4]	SMA / GOODWE / Victron / Sungrow / Selectronic / Solis / Imeon / Studer				
Application	ON Grid (Self consumption / ON Grid + Backup / Backup) and Off Grid				

[1] Test conditions: 100% DOD, 0.2C charge & discharge @+25 °C. System Usable Energy may be variant with different inverter brands

[2] Conditions apply. Refer to BYD Battery-Box Warranty Letter.

[3] -10 °C to +12 °C will be derating

[4] Detailed information refer to BYD Battery-Box Compatible Inverter List, and more brands to be announced.