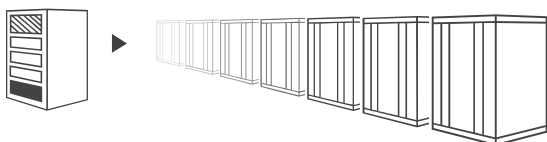


Battery-Box Pro

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 13.8 has a usable capacity of 13.8 kWh per battery rack. Up to 32 Battery-Box Pro 13.8 can be connected in parallel. Thus, the capacity can be chosen individually in 13.8 kWh steps from 13.8 to 441.6 kWh.



Battery-Box Pro 2.5-10.0



Battery-Box Pro 13.8



	Battery-Box Pro 2.5	Battery-Box Pro 5.0	Battery-Box Pro 7.5	Battery-Box Pro 10.0	Battery-Box Pro 13.8
Battery module	B-Plus L 2.5 (2.56 kWh, 40 kg)				2 modules
	1 module	2 modules	3 modules	4 modules	
Usable Energy ^[1]	2.56 kWh	5.12 kWh	7.68 kWh	10.24 kWh	13.8 kWh
Max Output Power	2.56 kW	5.12 kW	7.68 kW	10.24 kW	12.8 kW ^[2]
Peak Output Power	5.12 kW, 30 s	10.24 kW, 30 s	15.36 kW, 30 s	20.48 kW, 30 s	13.3 kW, 60 s
Round-Trip Efficiency	≥95.3 % [1]				≥95.5 % [1]
Nominal Voltage	51.2 V				51.2 V
Operating Voltage Range	43.2~56.4 V				43.2~56.4 V
Communication	CAN / RS485				CAN / RS485
Dimensions (W/H/D)	600 x 883 x 510 mm				650 x 800 x 550 mm
Net Weight	87 kg	126 kg	165 kg	204 kg	181 kg
Enclosure Protection Rating	IP20				IP20
Warranty ^[3]	10 years				10 years
Operating temperature ^[4]	-10 °C to +50 °C				-10 °C to +50 °C
Certification & Safety Standard	TUV (IEC62619) / CE / RCM / UN38.3				TUV/ CE/ RCM/UN38.3
Scalability	Max. 32 B-Plus L 2.5 in parallel / 81.92 kWh				Max. 32 systems in parallel / 441.6 kWh
Compatible Inverters ^[5]	SMA / GOODWE / Victron / Sungrow / Selectronic / Solis / Imeon				
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] Max output power will be derating(8.96~10.2KW) when systems in parallel connection

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

[4] -10 °C to +12 °C will be derating

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