

# Battery-Box Pro

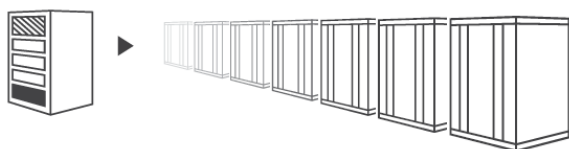
Battery-Box Pro 2.5-10.0 consists of the battery modules B-Plus L 2.5 with 2.56 kWh usable capacity each. Up to 4 B-Plus L 2.5 modules can fit into one cabinet, and up to 8 cabinets can be put into parallel connection. Thus capacities from 2.56 to 81.92 kWh can be chosen individually in 2.56 kWh steps. 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	1 module	B-Plus L 2.5 (2.56 kWh)			GBSSB
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
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]				≥95.3 % [1]
Nominal Voltage	51.2 V				51.2 V
Operating Voltage Range	43.2~56.4 V				40~59.2 V
Communication	RS485 / CAN				RS485 / CAN
Dimensions (W/H/D)	600 x 883 x 510 mm				650 x 800 x 550 mm
Weight	79 kg	113 kg	146 kg	180 kg	181 kg
Enclosure Protection Rating	IP20				IP20
Warranty	10 years				10 years
Operating temperature [2]	-10 °C to +50 °C				-10 °C to +50 °C
Certification & Safety Standard	TUV (IEC62619) / CE / UN38.3 / Sicherheitsleitfaden Li-Ionen-Hausspeicher				TUV / CE / UN38.3
Scalability	Max. 32 B-Plus 2.5 in parallel / 81.92 kWh				Max. 32 systems in parallel / 441.6 kWh
Compatible Inverters	SMA / GOODWE / SOLAX / Victron / Sungrow / Selectronic, more brands to be announced				
Application	ON Grid / ON Grid + Backup / OFF Grid (Refer to BYD Minimum Configuration List)				