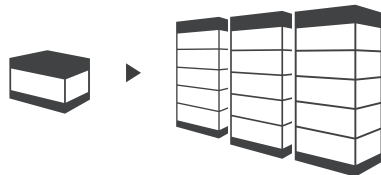


Battery-Box LV

The Battery-Box LV is a 48V battery with a flexible and modular design with no cables inside. One B-Box LV contains up to 5 battery modules B-Plus 3.5 in parallel connection and achieves capacities between 3.5 and 17.5 kWh (usable).

By connecting up to 3 B-Box LV parallel, the capacity can be chosen individually in 3.5 kWh steps from 3.5 kWh to a maximum of 52.5 kWh.



	B-Box L 3.5	B-Box L 7.0	B-Box L 10.5	B-Box L 14.0	B-Box L 17.5
	B-Plus 3.5 (3.5 kWh)				
Battery module	1 module	2 modules	3 modules	4 modules	5 modules
Usable Energy	3.5 kWh	7.0 kWh	10.5 kWh	14.0 kWh	17.5 kWh
Max Output Power	3 kW	6 kW	9 kW	10 kW	10 kW
Peak Output Power	5.0 kW, 30 sek	10.0 kW, 30 sek	15.0 kW, 30 sek	17.0 kW, 30 sek	17.0 kW, 30 sek
Round-Trip Efficiency	≥95.3 % [1]				
Nominal Voltage	51.2 V				
Operating Voltage Range	40~59.2 V				
Interfaces	RS485 / CAN				
Dimensions (W/H/D)	620 x 480 x 380 mm	620 x 715 x 380 mm	620 x 950 x 380 mm	620 x 1185 x 380 mm	620 x 1420 x 380 mm
Weight	79 kg	113 kg	147 kg	181 kg	215 kg
Enclosure Protection Rating	IP55				
Warranty	10 years				
Operating temperature [2]	-10 °C to +50°C				
Certification & Safety Standard	TUV(IEC62619) / CE / RCM / UN 38.3 / Sicherheitsleitfaden Li-Ionen-Hausspeicher				
Scalability	Max. 3 systems in parallel / 52.5 kWh				
Compatible Inverters	SMA / GOODWE / SOLAX / Victron / Sungrow / Selectronics, more to be announced				

[1] Test conditions: 100% DOD, 0.5C charge & discharge at + 25 °C

[2] -10 °C to 10 °C will be derating