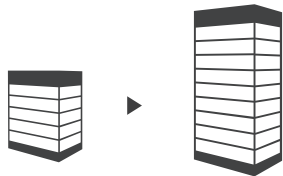


Battery-Box HV-R

The Battery-Box HV-R is a repowered battery, that offers the highest performance at the lowest cost. It is a real high voltage battery that comes with a flexible and modular design with no cables inside. One Battery-Box HV-R contains of 4 to 9 battery modules B-Plus H-R 1.28 in series connection and reaches up to 11.52 kWh usable capacity.



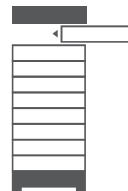
In 1.28 kWh steps from 5.1 to 11.5 kWh



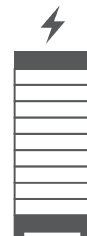
Easy plug-in installation
Without any cables



Robust
Flexible Location



Extend anytime
Adapt to new requirements



1 - 2 C power
Power for all applications



	Battery-Box H-R 5.1	Battery-Box H-R 6.4	Battery-Box H-R 7.7	Battery-Box H-R 9.0	Battery-Box H-R 10.2	Battery-Box H-R 11.5
Battery module	B-Plus H-R 1.28 (1.28kWh, 25 kg)					
	4 modules	5 modules	6 modules	7 modules	8 modules	9 modules
Usable Energy [1]	5.12 kWh	6.40 kWh	7.68 kWh	8.96 kWh	10.24 kWh	11.52 kWh
Max Output Power	5.12 kW	6.40 kW	7.68 kW	8.96 kW	10.24 kW	11.52 kW
Peak Output Power	10.24 kW, 30 s	12.80 kW, 30 s	15.36 kW, 30 s	17.92 kW, 30 s	20.48 kW, 30 s	23.04 kW, 30 s
Round-Trip Efficiency	≥95.3 % [1]					
Nominal Voltage	204 V	256 V	307 V	358 V	409 V	460 V
Operating Voltage Range	160~225 V	200~282 V	240~338 V	280~395 V	320~451 V	360~500 V
Communication	RS485 / CAN					
Dimensions (W/H/D)	580 x 774 x 380 mm	580 x 894 x 380 mm	580 x 1014 x 380 mm	580 x 1134 x 380 mm	580 x 1254 x 380 mm	580 x 1374 x 380 mm
Weight	118 kg	143 kg	168 kg	193 kg	218 kg	243 kg
Enclosure Protection Rating	IP55					
Warranty [2]	5 years					
Operating temperature [3]	-10 °C to +50°C					
Certification & Safety Standard	UL1642 / TUV(IEC62619) / CE / RCM / UN38.3 / Sicherheitsleitfaden Li-Ionen-Hausspeicher					
Compatible Inverters [4]	SMA (4-8 modules) / Kostal / Fronius (5-9 modules) / GoodWe / Ingeteam (4-8 modules)					
Application [4]	ON Grid / ON Grid + Backup					

[1] Test conditions: 100% DOD, 0.2C charge & discharge at + 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 and updated information refer to BYD Battery-Box Inverter Compatible List and Minimum Configuration List. More brands to be announced.