

Battery-Box HV

La Battery-Box HV es la primera batería de alto voltaje real que viene con un diseño flexible y modular sin cables en el interior. One Battery-Box HV contiene de 5 a 9 módulos de batería B-Plus H 1.28 en conexión en serie y alcanza hasta 11,52 kWh de capacidad utilizable.

La conexión paralela de hasta 5 Battery-Box HV idénticas permite una capacidad máxima de 57.6 kWh.



	Battery-Box H 6.4	Battery-Box H 7.7	Battery-Box H 9.0	Battery-Box H 10.2	Battery-Box H 11.5
	B-Plus H 1.28 (1.28kWh)				
Battery module	5 modules	6 modules	7 modules	8 modules	9 modules
Usable Energy [1]	6.40 kWh	7.68 kWh	8.96 kWh	10.24 kWh	11.52 kWh
Max Output Power	6.40 kW	7.68 kW	8.96 kW	10.24 kW	11.52 kW
Peak Output Power	12.80 kW, 5 mins	15.36 kW, 5 mins	17.92 kW, 5 mins	20.48 kW, 5 mins	23.04 kW, 5 mins
Round-Trip Efficiency	≥95.3 % [1]				
Nominal Voltage	256 V	307 V	358 V	409 V	460 V
Operating Voltage Range	200~282 V	240~338 V	280~395 V	320~451 V	360~500 V
Communication	RS485 / CAN				
Dimensions (W/H/D)	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	148 kg	174 kg	200 kg	226 kg	252 kg
Enclosure Protection Rating	IP55				
Warranty	10 years				
Operating temperature [2]	-10 °C to +50°C				
Certification & Safety Standard	UL1642 / TUV(IEC62619) / CE / RCM / UN38.3 / Sicherheitsleitfaden Li-Ionen-Hausspeicher				
Scalability	To be announced				
Compatible Inverters	SMA (5-8 modules) / Kostal / Fronius (coming soon) and more brands to be announced				
Application	ON Grid / ON Grid + Backup (Refer to BYD Minimum Configuration List)				

[1] Test conditions: 100% DOD, 0.2C charge & discharge at + 25 °C

[2] -10 °C to 10 °C will be derating

Battery-Box LV

La Battery-Box LV es una batería de 48V con un diseño flexible y modular sin cables dentro. One Battery-Box LV contiene hasta 4 módulos de batería B-Plus L 3.5 en conexión en paralelo y alcanza capacidades entre 3.5 y 14.0 kWh (utilizables).

Al conectar hasta 3 Battery-Box LV en paralelo, la capacidad se puede elegir individualmente en pasos de 3.5 kWh, desde 3.5 kWh hasta un máximo de 42.0 kWh.



	Battery-Box L 3.5	Battery-Box L 7.0	Battery-Box L 10.5	Battery-Box L 14.0
	B-Plus L 3.5 (3.5 kWh)			
Battery module	1 module	2 modules	3 modules	4 modules
Usable Energy [1]	3.5 kWh	7.0 kWh	10.5 kWh	14.0 kWh
Max Output Power	3.0 kW	6.0 kW	9.0 kW	10.0 kW
Peak Output Power	5.0 kW, 10 s	10.0 kW, 10 s	15.0 kW, 10 s	15.0 kW, 10 s
Round-Trip Efficiency	≥95.3 % [1]			
Nominal Voltage	51.2 V			
Operating Voltage Range	40~59.2 V			
Communication	RS485 / CAN			
Dimensions (W/H/D)	620 x 475 x 320 mm	620 x 711 x 320 mm	620 x 947x 320 mm	620 x 1183 x 320 mm
Weight	65 kg	108 kg	151 kg	194 kg
Enclosure Protection Rating	IP55			
Warranty	10 years			
Operating temperature [2]	-10 °C to +50°C			
Certification & Safety Standard	UN 38.3/ UL1642, is currently being certified: TUV(IEC62619) / CE / RCM / VDE2510 / Sicherheitsleitfaden			
Scalability	Max. 3 systems in parallel / 42 kWh			
Compatible Inverters	SMA / GOODWE / Victron / Sungrow / Selectronic, more brands to be announced			
Application	ON Grid / ON Grid + Backup (Refer to BYD Minimum Configuration List)			

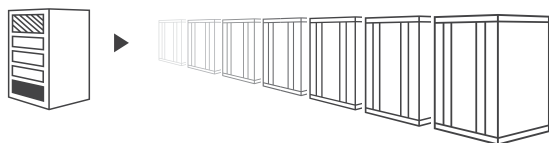
[1] Test conditions: 100% DOD, 0.2C charge & discharge at + 25 °C

[2] -10 °C to 10 °C will be derating

Battery-Box Pro

Battery-Box Pro 2.5-10.0 consta de los módulos de batería B-Plus L 2.5 con 2.56 kWh de capacidad utilizable cada uno. Hasta 4 módulos B-Plus L 2.5 pueden caber en un gabinete, y hasta 8 gabinetes se pueden colocar en conexión paralela. Por lo tanto, las capacidades de 2.56 a 81.92 kWh se pueden elegir individualmente en pasos de 2.56 kWh.

Battery-Box Pro 13.8 tiene una capacidad útil de 13,8 kWh por rack de batería. Se pueden conectar en paralelo hasta 32 Battery-Box Pro 13.8. Por lo tanto, la capacidad se puede elegir individualmente en pasos de 13.8 kWh de 13.8 a 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	2 modules	3 modules	4 modules	2 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
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)				

[1] Test conditions: 100% DOD, 0.2C charge & discharge at + 25 °C

[2] -10 °C to 10 °C will be derating