

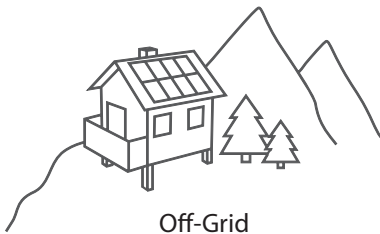


## B-Box HV



### The battery for all applications - in direct High Voltage

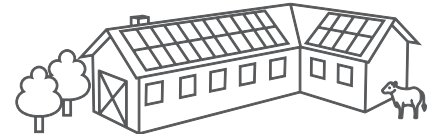
- From 6.4 kWh to 57.6 kWh
- 200 - 500 V to use as high-voltage battery
- Emergency-backup through high power (1 - 2 C)
- Maximum efficiency thanks to real series connection
- Lithium iron phosphate Battery: Maximum security, cycle-stability and power
- Patented wireless plug-in design
- 1 and 3 phase systems



Off-Grid

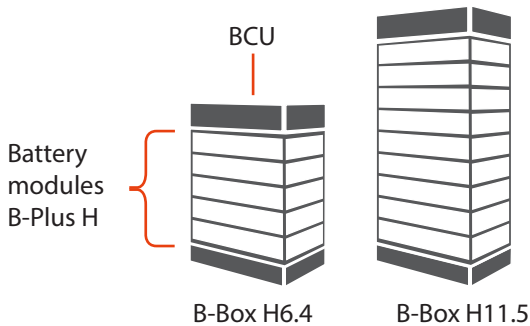


Self-consumption optimization



Commercial applications

### B-Box HV



- Flexible 1.28 kWh modules
- Modular design for easy transport and installation (max weight single part: 26 kg)

The BYD B-Box is a lithium iron phosphate (LiFePO<sub>4</sub>) battery for usage with an external inverter. Thanks to its modular design the B-Box grows with its requirements:

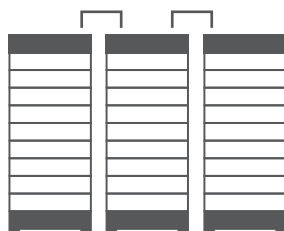
- **B-Box H6.4** (6.40 kW / 6.40 kWh)
- **B-Box H7.7** (7.68 kW / 7.68 kWh)
- **B-Box H9.0** (8.96 kW / 8.96 kWh)
- **B-Box H10.2** (10.24 kW / 10.24 kWh)
- **B-BOX H11.5** (11.52 kW / 11.52 kWh)

All systems can be extended with the battery modules **B-Plus H** at any time. In direct series connection of 5 - 9 battery modules, one B-Box HV can reach up to 11.52 kWh (usable). By parallel connection of up to 5 B-Box HV, **57.6 kWh** can be reached.

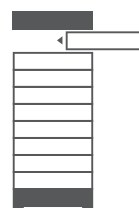
### Flexible. Efficient. Simple



**Easy plug-in installation**  
Without any cables



**6.4 - 57.6 kWh**  
Tailor to each individual case

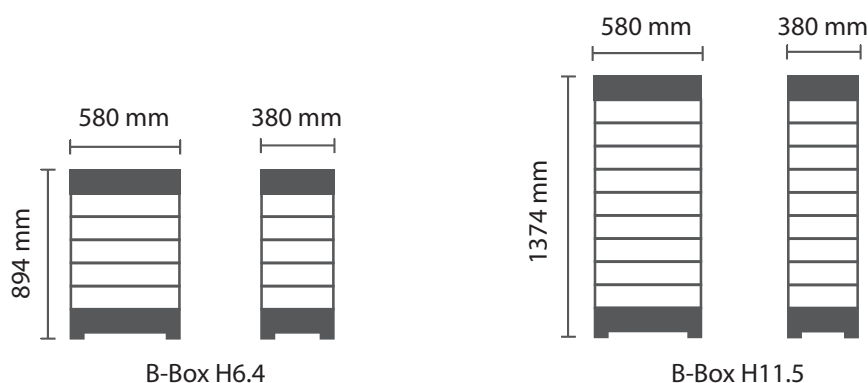


**Extend anytime**  
Adapt to new requirements



**1 - 2 C power**  
Power for all applications

## Dimensions



## Technical parameters



	B-Box H6.4	B-Box H7.7	B-Box H9.0	B-Box H10.2	B-Box H11.5
Battery type	Lithium iron phosphate (LiFePO <sub>4</sub> )				
Battery module	B-Plus H (1.28 kWh // 26 kg // 580x120x380 mm)				
Configuration	5 Modules	6 Modules	7 Modules	8 Modules	9 Modules
Usable capacity <sup>1</sup>	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, 5 min	12.80 kW	15.36 kW	17.92 kW	20.48 kW	23.04 kW
Nominal voltage	256 V	307 V	358 V	409 V	460 V
Voltage range	200-282 V	240-338 V	280-395 V	320-451 V	360-500 V
Ambient temperature <sup>2</sup>	-10 °C to +50 °C				
Interfaces	CAN/RS485				
Round trip energy efficiency	≥ 95.3 %				
Warranty	10 years				
Safety standard	CE / UL 1642 / RCM / Sicherheitsleitfaden Li-Ionen-Hausspeicher				
IP protection class	IP55				
Dimensions (W/H/D, mm)	580x894x380	580x1014x380	580x1134x380	580x1254x380	580x1374x380
Weight	148 kg	174 kg	200 kg	226 kg	252 kg
Compatible inverters	SMA / KOSTAL, more brands to be announced				
Scalable	Extend anytime / up to 5 identical systems parallel / 57.6 kWh (Available for Q1, 2018)				

[1] Test Conditions: 100% DOD, 0.5C charge and discharge @+25°C

[2] -10°C to 10°C will be derating

Your energy storage expert:

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