

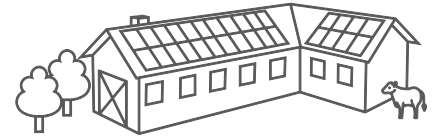
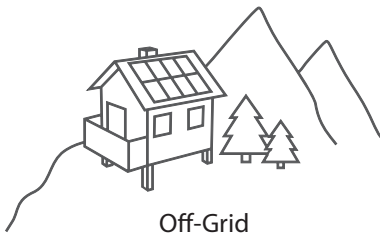


B-Box HV

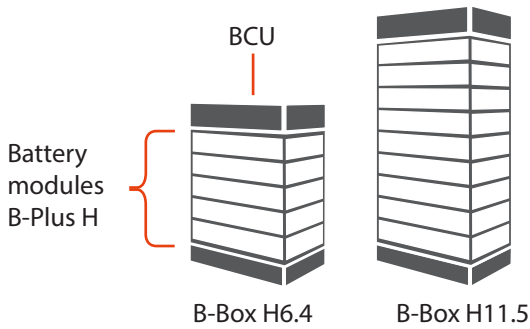


The battery for all applications - in direct High Voltage

- 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



B-Box HV



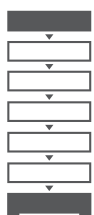
- Flexible 1.28 kWh modules
- Modular design for easy transport and installation (max weight single part: 26 kg)

The BYD B-Box is a lithium iron phosphate (LiFePO₄) battery for usage with an external inverter. Thanks to its modular design the B-Box grows with its requirements:

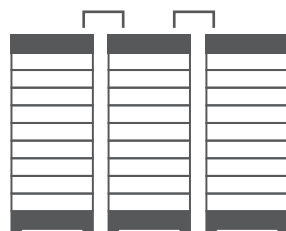
- **B-Box H6.4** (6.40 kW / 6.40 kWh)
- **B-Box H7.7** (7.68 kW / 7.68 kWh)
- **B-Box H9.0** (8.96 kW / 8.96 kWh)
- **B-Box H10.2** (10.24 kW / 10.24 kWh)
- **B-BOX H11.5** (11.52 kW / 11.52 kWh)

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.

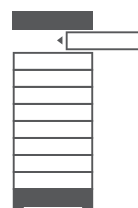
Flexible. Efficient. Simple



Easy plug-in installation
Without any cables



6.4 - 57.6 kWh
Tailor to each individual case

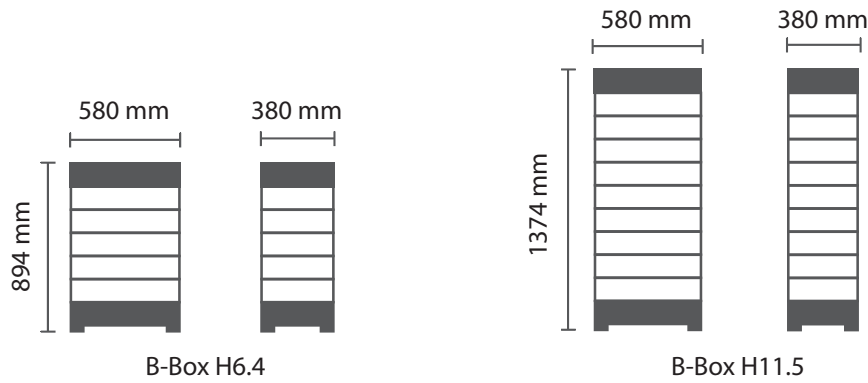


Extend anytime
Adapt to new requirements



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 ₄) | | | | |
| 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 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, 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 ² | -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: