

FAQ's BMZ Energy Storage

1. Which inverters are the BMZ ESS 7.0/9.0/X energy storage systems compatible with?

Answer: ESS 7.0/9.0/X are compatible with the following inverters:

- SMA Solar: Sunny Island 3.0M/4.4M/6.0H/8.0H
- Victron Energy: Multiplus, Multigrid, Quattro, Easysolar (48V)
- Studer Innotec: Xtender XTM 2600-48/XTM 4000-48
- Delios: DLS 600/DLS 450/DLS300/DLS C

2. May I extend or shorten the cables of the BMZ ESS 7.0/9.0/X energy storage devices?

Answer: No. ESS 7.0/9.0/X comes with 2m DC connection cables. These cables must not be changed. If several energy storage devices or several inverters are connected in parallel, a bat-breaker box must be used (see operating instructions).

3. Why isn't the entire nominal capacity of the energy storage of BMZ ESS 7.0/9.0/X usable for the operator?

Answer: BMZ has installed capacity reserves to protect the battery from overvoltage and undervoltage and to ensure the long life of the battery system. This is a quality feature of the BMZ energy storage devices.

4. How often can I charge/discharge the ESS system? How many charging cycles does BMZ guarantee? What is the product's lifetime?

Answer: BMZ guarantees 5000 charging/discharging cycles and a product lifetime of up to 20 years. Partial cycles are added up to full cycles.

5. How does BMZ's ESS differ from competitors' devices?

Answer: It is one of the most powerful battery systems on the market which can be flexibly expanded.

6. Are there subsidies that I can apply for? Where do I apply?

Answer: Yes. Ask your banking institution about KfW-Programme 275 subsidies for energy storage systems.

7. Which warranties does BMZ provide?

Answer: You receive 2 years legal warranty on your storage system and a 10 year market value replacement warranty on cycle stability (5000) and guaranteed residual capacity of at least 60%.

8. What is the power output and capacity of BMZ's ESS storage systems?

Answer: Each module is capable of 16kWh. Up to 12 modules can be clustered for a total output of 102kWh.

9. How much do I pay for a one stored kWh in relation to my purchase price?

Answer: One stored kWh is less than 25 cents.

10. Can I extend my battery capacity even after years?

Answer: BMZ recommends to expand within one year.

11. Can the system be used as stand-alone and/or a back-up (emergency power system)?

Answer: Yes, with the respective converter.

12. Is the ESS system suitable for both, new and existing systems?

Answer: The system can be integrated into both, existing and new installations.

13. How complex is the installation?

Answer: Depending on the system version, installation will take only a few hours (DC/AC).

14. What happens to the battery at the end of use?

Answer: The battery needs to be recycled.

15. Is the ESS battery technology safe?

Answer: BMZ ESS systems are protected by multiple safety levels for maximum safety.

16. Is the ESS battery system "smart home ready"?

Answer: Yes, the system is ready and offers all possibilities via CAN-communication.

17. What happens in case of a complaint or service case?

Answer: BMZ will assist you with its own service network. Central Service is one of Europe's largest service centers for battery systems.