



January 12, 2021

## FRONIUS SYMO HYBRID WITH BYD BATTERY-BOX PREMIUM IN PARALLEL OPERATION

### Fronius International GmbH

hereby confirms that the Fronius inverters

#### / Fronius Symo Hybrid

can be used in combination with parallel batteries of BYD Battery-Box Premium HVM.<sup>1)</sup>

The following minimum software versions are required for this purpose:

/ Symo Hybrid: **V1.16.7-1**

/ BYD Battery-Box Premium HVM: **BMU 3.14, BMS 3.20**

The approved combinations depending on the inverter and storage type are shown in the following table.

**Attention:** The combination of **3x HVM 22.1** is not possible!

	BYD Battery-Box Premium						
	2x / 3x HVM 8.3	2x / 3x HVM 11.0	2x / 3x HVM 13.8	2x / 3x HVM 16.6	2x / 3x HVM 19.3	2x HVM 22.1	3x HVM 22.1
Capacity [kWh]	16.56 / 24.84	22.08 / 33.12	27.60 / 41.40	33.12 / 49.68	38.64 / 57.96	44.16	66.24
<b>Symo Hybrid</b>	✓	✓	✓	✓	✓	✓	X

Please also follow the BYD guidelines for parallel operation of the BYD Battery-Box Premium HVM. Before installation and commissioning, all instructions and documents from Fronius and BYD must be read and applied without exception. In accordance with national legislation, we recommend using a residual current protection device suitable for frequency converters with a tripping current of at least 100 mA.

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1) Depending on country availability and certifications.