



January 28<sup>th</sup>, 2020

## FRONIUS SYMO HYBRID WITH BYD BATTERY-BOX PREMIUM HVM

### Fronius International GmbH

hereby confirms that the Fronius inverters

- / Fronius Symo Hybrid 3.0-3-S
- / Fronius Symo Hybrid 4.0-3-S
- / Fronius Symo Hybrid 5.0-3-S

can be used in combination with the batteries BYD Battery-Box Premium HVM 8.3 to 22.1.

The compatibility is ensured by a software update. For the Fronius Symo Hybrid the software version 1.16.x or higher is required.

Depending on the combination of inverter and storage type, different maximum values for charging and discharging power result. These maximum power values must be considered and are listed in the following table:

	BYD Battery-Box Premium HVM					
	HVM 8.3 <sup>1)</sup>	HVM 11.0	HVM 13.8	HVM 16.6	HVM 19.3	HVM 22.1
Symo Hybrid 3.0-3-S	2.45 kW	3.0 kW	3.0 kW	3.0 kW	3.0 kW	3.0 kW
Symo Hybrid 4.0-3-S	2.45 kW	3.26 kW	4.0 kW	4.0 kW	4.0 kW	4.0 kW
Symo Hybrid 5.0-3-S	2.45 kW	3.26 kW	4.1 kW	4.91 kW	5.0 kW	5.0 kW

<sup>1)</sup> Please note for systems with back-up power with Symo Hybrid and BYD Battery-Box Premium HVM 8.3: If a grid failure occurs and no energy is available from the PV system, a low battery charge level (SOC typically <20%) may prevent the system from switching to back-up power operation.

Before installation and commissioning, all instructions and documents for the Fronius Symo Hybrid and the BYD Battery-Box Premium HVM must be read and fulfilled without exception.

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