BYD BATTERY-BOX PREMIUM HVS&HVM COMPATIBLE INVERTER LIST – V2.3

Inverter		HVS 5.1	HVS 7.7	HVS 10.2	HVS 12.8	HVM 8.3	HVM 11.0	HVM 13.8	HVM 16.6	HVM 19.3	HVM 22.1
Fronius	Symo Hybrid	–	–	–	–	√	√	√	√	√	√
	Released Firmware: Symo Hybrid ≥ 1.16.6-1; BYD Battery-Box Premium HVM & HVS: BMU≥3.13, BMS≥3.19 Minimum firmware for parallel connection: Symo Hybrid: 1.16.7-1; BYD Battery-Box Premium HVM & HVS: BMU 3.14, BMS 3.20										
	Symo GEN24 Plus	√	√	√	–	–	√	√	√	√	√
	Released Firmware: Symo Gen24 Plus ≥ 1.9.7-0; BYD Battery-Box Premium HVM & HVS: BMU≥3.13, BMS≥3.19 Minimum firmware for parallel connection: Symo Gen24 Plus: 1.10.5-0; BYD Battery-Box Premium HVM & HVS: BMU 3.14, BMS 3.20										
	Primo GEN24 Plus	√	√	–	–	–	√	√	√	√	–
	Released Firmware: Primo Gen24 Plus ≥ 1.11.6-0; BYD Battery-Box Premium HVM & HVS: BMU≥3.15, BMS≥3.21										
GoodWe	ET	√	√	√	√	–	√	√	√	√	√
	BT	√	√	√	√	–	√	√	√	√	√
	EH	√	√	√	–	√	√	√	√	√	√
	BH	√	√	√	–	√	√	√	√	√	√
	Released Firmware: GoodWe Inverters (ARM) ≥ V11; BYD Battery-Box Premium HVM & HVS: BMU ≥ V3.13, BMS ≥ V3.19;										
KOSTAL	Plenticore Plus 3.0	√	√	√	√	–	√	–	–	–	–
	Plenticore Plus 4.2/5.5/7.0/8.5/10.0	√	√	√	√	–	√	√	√	√	√
	Plenticore BI 5.5-13, 5.5-26	√	√	√	√	–	–	√	√	√	√
	Plenticore BI 10.0-26	–	√	√	√	–	–	√	√	√	√
	Released Firmware: KOSTAL Inverters ≥ 01.42. BYD Battery-Box Premium HVS & HVM: BMU ≥ 3.13, BMS ≥ 3.19										
	Piko MP Plus 1.5-1, 2.0-1, 2.5-1	√	√	–	–	√	√	–	–	–	–
	Piko MP Plus 3.0-1, 3.0-2, 3.5-1, 3.5-2, 4.6-2, 5.0-2	√	√	√	√	√	√	√	√	√	√
	Released Firmware: KOSTAL Inverters ≥PU-APP 3.7.0, KSEM ≥ 1.2.0. BYD Battery-Box Premium HVS & HVM: BMU ≥ 3.13, BMS ≥ 3.19										

BATTERY BOX

Inverter		HVS 5.1	HVS 7.7	HVS 10.2	HVS 12.8	HVM 8.3	HVM 11.0	HVM 13.8	HVM 16.6	HVM 19.3	HVM 22.1
SMA	Sunny Boy Storage 2.5	√	√	√	–	–	–	–	–	–	–
	Released Firmware: SMA Inverters ≥3.11.06R; BYD Battery-Box Premium HVS: BMU ≥ 3.15, BMS ≥ 3.21										
	Sunny Boy Storage 3.7	√	√	√	–	√	√	√	√	√	√
	Sunny Boy Storage 5.0	–	√	√	–	–	√	√	√	√	√
	Sunny Boy Storage 6.0	–	√	√	–	–	–	√	√	√	√
	Released Firmware: SMA Inverters ≥3.11.10R; BYD Battery-Box Premium HVS: BMU ≥ 3.13, BMS ≥ 3.19					Released Firmware: SMA Inverters ≥3.11.03.R; BYD Battery-Box Premium HVM: BMU ≥ 3.13, BMS ≥ 3.19					
Sungrow	SH5.0/6.0/8.0/10RT	√	√	√	√	–	√	√	√	√	√
	Released Firmware: Sungrow Inverters ARM ≥ V11_V01_B, MDSP ≥ V11_V01_B; BYD Battery-Box Premium HVS & HVM: BMU ≥ 3.13, BMS ≥ 3.19										
KACO	Blueplanet hybrid 6.0 - 10.0 TL3	√	√	√	-	√	√	√	√	√	√
	Released Firmware: Kaco Inverters ≥5.8.6.3.7; BYD Battery-Box Premium HVS & HVM: BMU ≥ 3.13, BMS ≥ 3.19										
Ingeteam*	ISS 1Play 3TL M / 6TL M	✓	✓	✓	-	✓	✓	✓	✓	✓	✓
	Released, only compatible with BCU produced since 1st October, 2020 Firmware: Ingeteam Inverters: ≥ ABH1007_F; BYD Battery-Box Premium HVS & HVM: BMU ≥ 3.15, BMS ≥ 3.22										

NOTICE

1. Maximum three battery systems could be connected in parallel. The below requirements must be fulfilled under parallel connection:

    a) HVS system CANNOT be connected in parallel with HVM system;

    b) Every system connected in parallel requires the same module quantity.

    c) Parallel connection is not applicable to SMA Sunny Boy Storage. Please check the inverter operation manual on how to connect up to three batteries for SBS 3.7-6.0.

    d) Parallel connection with Fronius is released, 3*HVM22.1 is not supported.

    e) Parallel connection with GoodWe, Kostal, Sungrow, Kaco, Ingeteam is released.

2. Installation before official release is not allowed.

3. Configurations marked in grey are not released yet and are not allowed to be installed yet. Those configurations are planned and will follow soon. The actual configuration upon official release might change.

4. Always install the latest firmware on the Battery-Box!