

Self-Declaration on the compatibility of the BYD Battery-Box HV 5.1

The company

KOSTAL Solar Electric GmbH
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hereby confirms that the inverters:

PLENTICORE plus 4.2 / 5.5 / 7.0 / 8.5 / 10

are compatible with the **BYD Battery-Box HV 5.1** storage system (4 memory modules) and can be used.

BYD Battery-Box HV power class		H 5.1
Max. Power consumption in connection with PLENTICORE plus 4.2-10 <small>Depending on the max. Rated power AC of the inverter (4.2 max 4.2 kW and 5.5 max 5.5 kW),</small>	kW	2.80
Usable capacity <small>Test Conditions: 100% DOD, 0,2 C charge and discharge at + 25 ° C</small>	kWh	5.12
Number of battery modules		4
Battery type		Lithium iron phosphate (LiFePO ₄)
Nominal voltage	V	204
Voltage range	V	160...225
Interface to inverter		RS485
Height/width/depth	mm	774/580/380
Weight	kg	122
Ambient temperature	°C	-10...50
IP protection class		IP 55

This declaration certifies compliance with the harmonisation legislation provisions named, but does not contain any assurance of properties. Observe the safety instructions in the enclosed product documentation!

KOSTAL Solar Electric GmbH – Freiburg, 28.02.2019



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