

# BYD BATTERY-BOX PREMIUM HVS&HVM COMPATIBLE INVERTER LIST - V2.19



[DE] BYD Battery-Box Premium HVS / HVM kompatible Wechselrichterliste

[ES] Lista de Inversores Compatibles con Battery-Box Premium HVS/HVM

[IT] Lista di Configurazione Minima e degli Inverter Compatibili con BYD Battery-Box Premium HVS/HVM

Inverter [DE] Wechselrichter [ES] Inversores [IT] Inverter	Module Quantity [DE] Modulanzahl [ES] Cantidad de módulo [IT] Quantità moduli		Minimum Firmware Version						
	HVS	HVM	Single Tower [DE] Einzelturm / [ES] torre única / [IT] torre singola				Parallel Connection [DE] Parallelschaltung / [ES] conexión paralela / [IT] connessione parallela		
			Inverter	Battery-Box		Inverter	Battery-Box		
	BMU	BMS		BMU	BMS				
Fronius	Symo Hybrid	—	3-8	1.16.6-1	3.13	3.19	1.16.7-1	3.14	3.20
	Symo GEN24 Plus	2-5	4-8	1.9.7-0	3.13	3.19	1.10.5-0	3.14	3.20
	Primo GEN24 Plus	2-3	4-7	1.11.6-0	3.15	3.21	same as single tower		
	<b>Note: Parallel connection is not possible for Fronius inverters in the configuration: 3 x HVM 22.1</b> [DE] Parallelschaltung ist mit Fronius Wechselrichtern nicht möglich für die Konfiguration: 3 x HVM 22.1 [ES] La conexión en paralelo no es posible para los inversores Fronius en la configuración: 3 x HVM 22.1 [IT] Il collegamento in parallelo non è possibile per gli inverter Fronius nella configurazione: 3 x HVM 22.1								
GoodWe	ET (5-10kW)/BT	2-5	4-8	ARM 11	3.13	3.19	same as single tower		
	EH/BH	2-4	3-8						
	EHB	2-4	3-8						
	ET (15-30kW) *	2-5	4-8	ARM 09, DSP 08	3.20	3.27	same as single tower		
	* Note: If HVS/HVM batteries are connected in parallel with the ET (15-30kW), the BYD combiner box cannot be used and the wiring must be done by the installer (according to local regulations) [DE] Bei HVS/HVM Parallelschaltung am ET (15-30kW) kann die BYD Combiner Box nicht verwendet werden und die Verkabelung muss vom Installateur (gemäß den lokalen Vorschriften) selbst vorgenommen werden. [ES] Si las baterías HVS/HVM están conectadas en paralelo con el ET (15-30kW), no se puede utilizar la caja combinadora BYD y el cableado debe realizarlo el instalador (de acuerdo con las regulaciones locales). [IT] Se le batterie HVS/HVM sono collegate in parallelo con l'ET (15-30kW), il combiner box BYD non può essere utilizzato e il cablaggio deve essere effettuato dall'installatore (secondo le normative locali).								
Viessmann	A3	2-5	4-8	ARM 11	3.13	3.19	same as single tower		
KOSTAL	Plenticore Plus 3.0 (G2)	2-5	4	01.42	3.13	3.19	same as single tower		
	Plenticore Plus 4.2/5.5/7.0/8.5/10.0 (G2)	2-5	4-8						
	Plenticore BI 5.5-13	2-5	5-8						
	Plenticore BI xx/26 (G2)	2-5	5-8						
	Piko MP Plus 1.5-1/2.0-1/ 2.5-1	2-3	3-4	PU-APP 3.7.0, KSEM 1.2.0.	3.13	3.19			
	Piko MP Plus 3.0-1, 3.0-2, 3.6-1, 3.6-2, 4.6-2, 5.0-2	2-5	3-8	2.32	3.16	3.24			
	PIKO 6.0 BA / 8.0 BA / 10 BA	2-4	4-8	3.03.20	3.13	3.19			
SMA	Sunny Boy Storage 2.5	2-4	—	3.11.06R	3.15	3.21	same as single tower		
	Sunny Boy Storage 3.7/5.0/6.0	2-4	3-8	For HVS: 3.11.03R For HVM: 3.11.10R	3.13	3.19	—		
	STP 5.0-10.0 SE	2-5	4-8	3.00.02.R	3.16	3.24	same as single tower		
	Sunny Boy Smart Energy 3.6 / 4.0 / 5.0 / 6.0	2-4	3-8	3.08.03.R	3.23	3.28			
	<b>Note: For SBS 3.7 / 5.0 / 6.0 no parallel connection - check inverter manual how to connect up to three batteries</b> [DE] Für SBS 3.7 / 5.0 / 6.0 keine Parallelschaltung - siehe Wechselrichterhandbuch, wie man bis zu drei Batterien anschließt [ES] Para SBS 3.7 / 5.0 / 6.0 sin conexión en paralelo disponible: consulte el manual del inversor sobre cómo conectar hasta tres baterías [IT] Per SBS 3.7 / 5.0 / 6.0 nessuna connessione parallela è disponibile - controllare il manuale dell'inverter come collegare fino a tre batterie								
Sungrow	SH5.0/6.0/8.0/10RT	2-5	4-8	ARM, V11_V01_B MDSP, V11_V01_B	3.13	3.19	same as single tower		
	SH3.0/3.6/4.0/5.0/6.0RS	2-4	3-8	ARM, 01011.02.16 MDSP, 03011.02.15	3.16	3.24			



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Inverter [DE] Wechselrichter [ES] Inversores [IT] Inverter	Module Quantity [DE] Modulanzahl [ES] Cantidad de módulo [IT] Quantità moduli	Minimum Firmware Version							
		Single Tower				Parallel Connection			
		[DE] Einzelturm / [ES] torre única / [IT] torre singola				[DE] Parallelschaltung / [ES] conexión paralela / [IT] connessione parallela			
		Inverter		Battery-Box		Inverter		Battery-Box	
		HVS	HVM		BMU	BMS		BMU	BMS
<b>GE</b>	GEH 5.0/8.6/10-1U-10	2-4	3-8	000019	3.17	3.24	same as single tower		
<b>KACO</b>	Blueplanet hybrid 6.0- 10.0 TL3	2-4	3-8	5.8.6.3.7	3.13	3.19	same as single tower		
<b>KACO NH</b>	Blueplanet hybrid 6.0-12.0 NH3 M2	2-5	3-8	DSP: 610-05001-01 ARM: 610-50062-08	3.21	3.28	same as single tower		
	Blueplanet hybrid 8.0-12.0 NH3 M3	2-5	3-8		3.21	3.28	same as single tower		
<b>Ingeteam</b>	ISS 1Play 3TL M / 6TL M	2-4	3-8	ABH1007_F	3.15	3.22	same as single tower		
	<b>Note: Only compatible with BCU produced since 1st October, 2020</b> [DE] Nur kompatibel mit BCU, die seit dem 1. Oktober 2020 produziert wurden [ES] Solo compatible con BCU fabricados desde el 1 de octubre de 2020 [IT] Compatibile solo con BCU prodotte dal 1 ottobre 2020								
<b>Solis</b>	RHI-3P(5-10)K-HVES-5G	2-5	4-8	V090037	3.16	3.22	V090037	3.16	3.24
	S6-EH3P(3-10)K-H-EU	2-5	3-8	V01-1B	3.20	3.26	same as single tower		
	S6-EH3P(3-10)K2-H	2-5	3-8	V01-1B	3.20	3.26	same as single tower		
	S6-EH3P(12-20)K-H	2-5	3-8	ARM: 0208	3.24	3.30	same as single tower		
	S6-EH3P(29.9-50)K-H	2-5	4-8	HMI: 0402 DSPM: 0401 HMI-LCD: 012C Datalogger: 1001318	3.24	3.30	same as single tower		
<b>Canadian Solar</b>	CSI-TE Series	2-5	4-8	ARM 11	3.18	3.26	same as single tower		
	CSI-HE Series	2-4	3-8						
	CSI-BHE Series	2-4	3-8						
<b>Deye</b>	SUN-(5-20)K-SG01HP3-EU-AM2	2-5	4-8	2001-C016	3.19	3.26	Same as single tower		
	SUN-50K-SG01HP3-EU-BM4	2-5	4-8	C032-1077+	3.24	3.29	Same as single tower		
<b>Solplanet</b>	ASW H-T2 Series	2-5	3-8	DSP: 610-05001-01 ARM: 610-50062-08	3.21	3.28	same as single tower		
	ASW H-T3 Series	2-5	3-8		3.21	3.28	same as single tower		
<b>Western CO</b>	HHS 3000-6000	2-4	3-8	Ver.46	3.22	3.28	same as single tower		
	HBS 3000-6000	2-4	3-8	Ver.16	3.22	3.28	same as single tower		
	HHT 5000-12000	2-5	4-8	Ver.53	3.22	3.28	same as single tower		
	HBT 5000-12000	2-5	4-8	Ver.53	3.22	3.28	same as single tower		
<b>Sosen</b>	SSE-HH3K-6K-P1-EU	2-4	3-8	Newest DSP: V3.01 Slave DSP: V1.02 ARM: V1.17	3.21	3.28	same as single tower		
<b>Hoymiles</b>	HYT-HV-EUG1 Series	2-5	4-8	V1.00.00	3.23	3.27	same as single tower		
	HYT-HV-AUG1 Series	2-5	4-8	V1.00.00	3.23	3.27	same as single tower		
	HAT-HV-EUG1 Series	2-5	4-8	V1.00.00	3.23	3.27	same as single tower		
<b>Afore</b>	AF(3-20)K-TH	2-5	4-8	Main program: 1.57 Display board: 1.42	3.24	3.29	same as single tower		
	AF25K-TH/AF30K-TH	2-5	4-8	Main program: 1.56 Display board: 1.42	3.24	3.30	same as single tower		
<b>Kontron Solar</b>	SolBrid 10-3-2/10-3-4	2-5	3-8	V.2.0.0	3.24	3.29	same as single tower		



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		Inverter	Battery-Box		Inverter	Battery-Box	
BMU	BMS		BMU	BMS			
Maxhub	PHN(5-10)KT-BH2	2-5	4-8	V1.0.0.00	3.24	3.29	same as single tower

- Note:**
- Always install the latest firmware on the Battery-Box!
  - Requirements for Parallel Connection: Maximum three battery systems could be connected in parallel; HVS system CANNOT be connected in parallel with HVM system; Every tower connected in parallel requires the same module quantity

- [DE] Bemerkung:**
- Installieren Sie immer die neueste Firmware auf der Battery-Box!
  - Anforderungen an Parallelschaltung: Es dürfen maximal drei Batteriesysteme parallel geschaltet werden; Ein HVS-System kann NICHT mit einem HVM-System kombiniert werden; Jeder parallel geschaltete Turm benötigt die gleiche Modulanzahl

- [ES] Nota:**
- ¡Instale siempre el firmware más reciente en la Battery-Box!
  - Requisitos para la conexión en paralelo: se pueden conectar en paralelo un máximo de tres sistemas de baterías; El sistema HVS NO PUEDE conectarse en paralelo con el sistema HVM; Cada torre conectada en paralelo requiere la misma cantidad de módulos por torre

- [IT] Nota:**
- Installare sempre l'ultimo firmware sul Battery-Box!
  - Requisiti per il collegamento in parallelo: è possibile collegare in parallelo un massimo di tre sistemi di batterie; Il sistema HVS NON può essere collegato in parallelo al sistema HVM; Ogni torre collegata in parallelo richiede la stessa quantità di moduli per torri

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