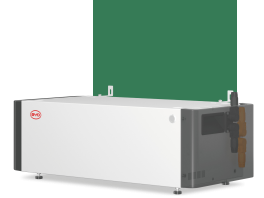


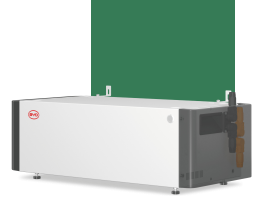
# BYD BATTERY-BOX LV5.0+ COMPATIBLE INVERTER LIST - V1.3



Compatible Inverter (1- / 3-phase)		Minimum Configuration for Single Phase			Minimum Configuration for Three Phase		
		On Grid	On Grid with Backup	Off Grid Inrush Use	On Grid	On Grid with Backup	Off Grid Inrush Use
solis	S6-EH1P3K-L-EU	≥1	≥1	≥1	-	-	-
	S6-EH1P3.6K-L-EU	≥1	≥1	≥1	-	-	-
	S6-EH1P4.6K-L-EU	≥1	≥1	≥1	-	-	-
	S6-EH1P5K-L-EU	≥1	≥2	≥2	-	-	-
	S6-EH1P6K-L-EU	≥1	≥2	≥2	-	-	-
	S6-EH1P3K-L-PRO	≥1	≥1	≥1	-	-	-
	S6-EH1P3.6K-L-PRO	≥1	≥1	≥1	-	-	-
	S6-EH1P5K-L-PRO	≥1	≥2	≥2	-	-	-
	S6-EH1P6K-L-PRO	≥1	≥2	≥2	-	-	-
	S6-EH1P8K-L-PRO	≥1	≥2	≥2	-	-	-
	S6-EH1P3K-L-PLUS	≥1	≥1	≥1	-	-	-
	S6-EH1P3.6K-L-PLUS	≥1	≥1	≥1	-	-	-
	S6-EH1P5K-L-PLUS	≥1	≥2	≥2	-	-	-
	S6-EH1P6K-L-PLUS	≥1	≥2	≥2	-	-	-
	S6-EH1P8K-L-PLUS	≥1	≥2	≥2	-	-	-
	S6-EH1P12K-L	≥1	≥3	≥3	-	-	-
	S6-EH1P14K-L	≥1	≥4	≥4	-	-	-
	S6-EH1P16K-L	≥1	≥4	≥4	-	-	-
	S6-EH3P8K-L	-	-	-	≥1	≥2	≥2
	S6-EH3P10K-L	-	-	-	≥1	≥3	≥3
	S6-EH3P12K-L	-	-	-	≥1	≥3	≥3
	S6-EH3P15K-L	-	-	-	≥1	≥4	≥4
	S5-EA1P3K-L	≥1	≥1	≥1	-	-	-
	S6-EA1P3.6K-L	≥1	≥1	≥1	-	-	-
	S6-EA1P4.6K-L	≥1	≥1	≥1	-	-	-
	S6-EA1P5K-L	≥1	≥2	≥2	-	-	-
	S6-EA1P6K-L	≥1	≥2	≥2	-	-	-
	S5-EO1P4K-48	-	-	≥1	-	-	-
	S5-EO1P4K-48-P	-	-	≥1	-	-	-
	S5-EO1P5K-48	-	-	≥1	-	-	-
	S5-EO1P5K-48-P	-	-	≥1	-	-	-
	S6-EO1P4K-48	-	-	≥1	-	-	-
S6-EO1P5K-48	-	-	≥1	-	-	-	
Battery firmware: BMS ≥V1.2; Inverter firmware: ≥V06-10							



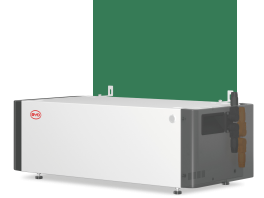
# BYD BATTERY-BOX LV5.0+ COMPATIBLE INVERTER LIST - V1.3




Compatible Inverter (1- / 3-phase)		Minimum Configuration for Single Phase			Minimum Configuration for Three Phase		
		On Grid	On Grid with Backup	Off Grid Inrush Use	On Grid	On Grid with Backup	Off Grid Inrush Use
Deye	SUN-5KSG04LP3-EU	-	-	-	≥1	≥2	≥2
	SUN-6KSG04LP3-EU	-	-	-	≥1	≥2	≥2
	SUN-8KSG04LP3-EU	-	-	-	≥1	≥2	≥2
	SUN-10KSG04LP3-EU	-	-	-	≥1	≥3	≥3
	SUN-12KSG04LP3-EU	-	-	-	≥1	≥3	≥3
	SUN-7.6K-SG01LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-8K-SG01LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-12K-SG01LP1-EU	≥1	≥3	≥3	-	-	-
	SUN-14K-SG01LP1-EU	≥1	≥3	≥3	-	-	-
	SUN-16K-SG01LP1-EU	≥1	≥4	≥4	-	-	-
	SUN-3.6K-SG03LP1-EU	≥1	≥1	≥1	-	-	-
	SUN-5K-SG03LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-6K-SG03LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-3K-SG04LP1-EU	≥1	≥1	≥1	-	-	-
	SUN-3.6K-SG04LP1-EU	≥1	≥1	≥1	-	-	-
	SUN-5K-SG04LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-6K-SG04LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-3.6K-SG05LP1-EU	≥1	≥1	≥1	-	-	-
	SUN-5K-SG05LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-6K-SG05LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-7K-SG05LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-7.6K-SG05LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-8K-SG05LP1-EU	≥1	≥2	≥2	-	-	-
	SUN-14K-SG05LP3-EU-SM2	-	-	-	≥1	≥3	≥3
	SUN-15K-SG05LP3-EU-SM2	-	-	-	≥1	≥3	≥3
	SUN-16K-SG05LP3-EU-SM2	-	-	-	≥1	≥4	≥4
	SUN-18K-SG05LP3-EU-SM2	-	-	-	≥1	≥4	≥4
	SUN-20K-SG05LP3-EU-SM2	-	-	-	≥1	≥5	≥5
Battery firmware: BMS ≥V1.2; Inverter firmware: ≥C050,1172							



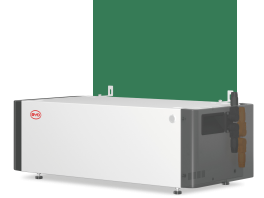
# BYD BATTERY-BOX LV5.0+ COMPATIBLE INVERTER LIST - V1.3





Compatible Inverter (1- / 3-phase)		Minimum Configuration for Single Phase			Minimum Configuration for Three Phase		
		On Grid	On Grid with Backup	Off Grid Inrush Use	On Grid	On Grid with Backup	Off Grid Inrush Use
	R3KL1-G2	≥1	≥1	≥1	-	-	-
	R3K6L1-G2	≥1	≥1	≥1	-	-	-
	R4KL1-G2	≥1	≥1	≥1	-	-	-
	R4K6L1-G2	≥1	≥1	≥1	-	-	-
	R5KL1-G2	≥1	≥1	≥1	-	-	-
	R6KL1-G2	≥1	≥2	≥2	-	-	-
	R8KL1-G2	≥1	≥2	≥2	-	-	-
	R3KL1D-G2	≥1	≥1	≥1	-	-	-
	R3K6L1D-G2	≥1	≥1	≥1	-	-	-
	R4KL1D-G2	≥1	≥1	≥1	-	-	-
	R4K6L1D-G2	≥1	≥1	≥1	-	-	-
	R5KL1D-G2	≥1	≥1	≥1	-	-	-
	R6KL1D-G2	≥1	≥2	≥2	-	-	-
	R8KL1D-G2	≥1	≥2	≥2	-	-	-
	R3KL1DA-G2A	≥1	≥1	≥1	-	-	-
	R3K6L1DA-G2A	≥1	≥1	≥1	-	-	-
	R4KL1DA-G2A	≥1	≥1	≥1	-	-	-
	R4K6L1DA-G2A	≥1	≥1	≥1	-	-	-
	R5KL1DA-G2A	≥1	≥1	≥1	-	-	-
	R6KL1DA-G2A	≥1	≥2	≥2	-	-	-
	R3KL1DA-G2S	≥1	≥1	≥1	-	-	-
	R3K6L1DA-G2S	≥1	≥1	≥1	-	-	-
	R4KL1DA-G2S	≥1	≥1	≥1	-	-	-
	R4K6L1DA-G2S	≥1	≥1	≥1	-	-	-
	R5KL1DA-G2S	≥1	≥1	≥1	-	-	-
	R6KL1DA-G2S	≥1	≥2	≥2	-	-	-
	R8KL1DA-G2S	≥1	≥2	≥2	-	-	-
	R10KL1DA-G2S	≥1	≥3	≥3	-	-	-
Battery firmware: BMS ≥V1.2; Inverter firmware: G2 series: >V20416.DSP R105.07 V20150804 G2S series: >V2.0415.DSP V2.07.15 G2A series: 2V2.04.15, DSP V2.07.15							



# BYD BATTERY-BOX LV5.0+ COMPATIBLE INVERTER LIST - V1.3

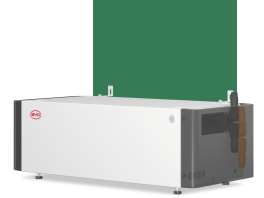


Compatible Inverter (1- / 3-phase)		Minimum Configuration for Single Phase			Minimum Configuration for Three Phase		
		On Grid	On Grid with Backup	Off Grid Inrush Use	On Grid	On Grid with Backup	Off Grid Inrush Use
 <b>victron energy</b> <small>BLUE POWER</small>	MultiPlus 48/3000/35	≥1	≥1	≥1	≥1	≥2	≥2
	MultiPlus 48/5000/70	≥1	≥1	≥1	≥1	≥2	≥2
	MultiPlus-II GX 48/3000/35-32	≥1	≥1	≥1	≥1	≥3	≥3
	MultiPlus-II GX 48/5000/70-50	≥1	≥1	≥1	≥1	≥2	≥2
	MultiPlus-II 230V 48/3000/35-32	≥1	≥1	≥1	≥1	≥3	≥3
	MultiPlus-II 230V 48/5000/70-50	≥1	≥1	≥1	≥1	≥2	≥2
	MultiPlus-II 230V 48/8000/110-100	≥1	≥1	≥1	≥1	≥3	≥3
	MultiPlus-II 230V 48/10000/140-100	≥1	≥2	≥2	≥1	≥5	≥5
	MultiPlus-II 230V 48/15000/200-100	≥1	≥2	≥2	≥1	≥6	≥6
	Multi RS Solar 48/6000 Dual Tracker	≥1	≥3	≥3	≥1	≥10	≥10
	Quattro 48/5000/70-100/100	≥1	≥2	≥2	-	-	-
	Quattro 48/8000/110-100/100	≥1	≥1	≥1	≥1	≥3	≥3
	Quattro 48/10000/140-100/100	≥1	≥2	≥2	≥1	≥5	≥5
	Quattro 48/15000/200-100/100	≥1	≥2	≥2	≥1	≥6	≥6
	Quattro-II 48/5000/70-50	≥1	≥3	≥3	≥1	≥10	≥10
Battery firmware: BMS ≥1.2; Inverter firmware ≥V3.20							

 <b>Voltronic Power</b> <small>Advancing Power</small>	InfiniSolar WP TWIN HMI 12KW	-	-	-	≥1	≥3	≥3
	InfiniSolar WP TWIN HMI 15KW	-	-	-	≥1	≥4	≥4
	InfiniSolar WP 10KW	-	-	-	≥1	≥3	≥3
	InfiniSolar WP 12KW	-	-	-	≥1	≥3	≥3
	InfiniSolar WP 15KW	-	-	-	≥1	≥4	≥4
	InfiniSolar WP TWIN 12KW	-	-	-	≥1	≥3	≥3
	InfiniSolar WP TWIN 15KW	-	-	-	≥1	≥4	≥4
	InfiniSolar WP Elite 10KW	-	-	-	≥1	≥3	≥3
	InfiniSolar WP Elite 12KW	-	-	-	≥1	≥3	≥3
	Battery firmware: BMS ≥V1.2; Inverter firmware: Remote V2537, HMI V111						



# BYD BATTERY-BOX LV5.0+ COMPATIBLE INVERTER LIST - V1.3

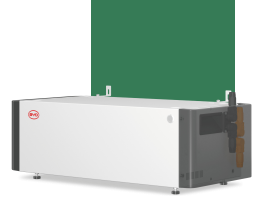


Compatible Inverter (1- / 3-phase)		Minimum Configuration for Single Phase			Minimum Configuration for Three Phase		
		On Grid	On Grid with Backup	Off Grid Inrush Use	On Grid	On Grid with Backup	Off Grid Inrush Use
<b>GOODWE</b>	GW3000-ES-20	≥1	≥1	≥1	-	-	-
	GW3600-ES-20	≥1	≥1	≥1	-	-	-
	GW5000-ES-20	≥1	≥1	≥1	-	-	-
	GW6000-ES-20	≥1	≥2	≥2	-	-	-
	GW3600M-ES-20	≥1	≥1	≥1	-	-	-
	GW5000M-ES-20	≥1	≥1	≥1	-	-	-
	GW6000M-ES-20	≥1	≥1	≥1	-	-	-
	GW6000-SBP-20	≥1	≥2	≥2	-	-	-
	GW5000-SBP-20	≥1	≥1	≥1	-	-	-
	GW3600-SBP-20	≥1	≥1	≥1	-	-	-
	GW6000-ES-BR20	≥1	≥2	≥2	-	-	-
	GW3500L-ES-BR20	≥1	≥1	≥1	-	-	-
	GW3600-ES-BR20	≥1	≥1	≥1	-	-	-
	GW8000-ES-C10	≥1	≥2	≥2	-	-	-
	GW10K-ES-C10	≥1	≥3	≥3	-	-	-
	GW12K-ES-C10	≥1	≥3	≥3	-	-	-
Battery firmware: BMS ≥V1.2; Inverter firmware: 3~6K ARM≥09; 8~12K ARM≥08							

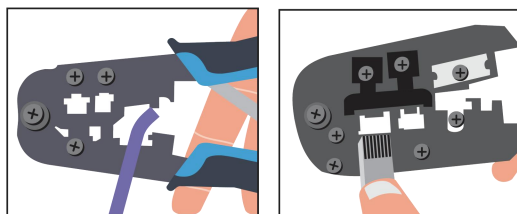
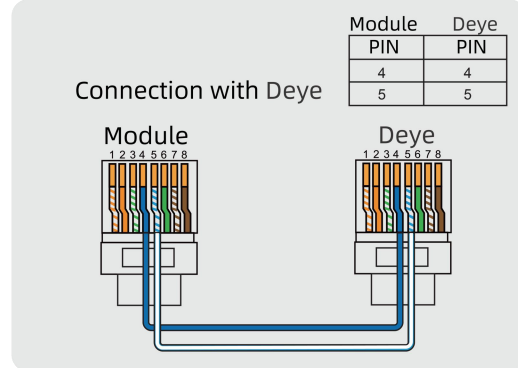
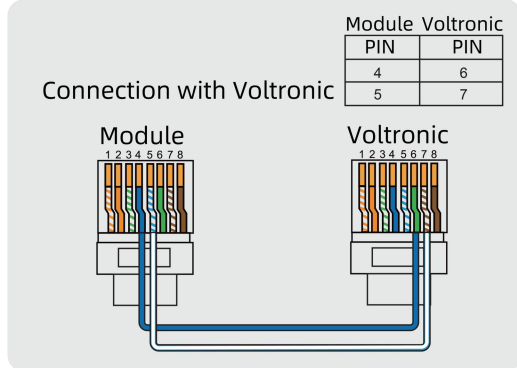
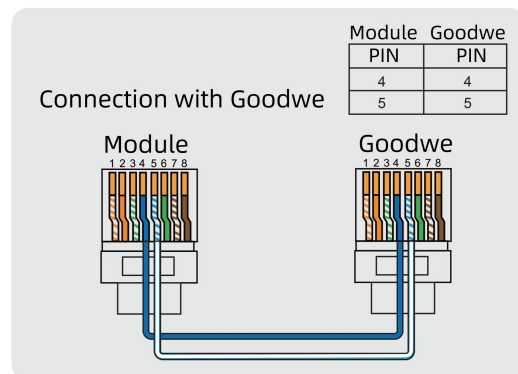
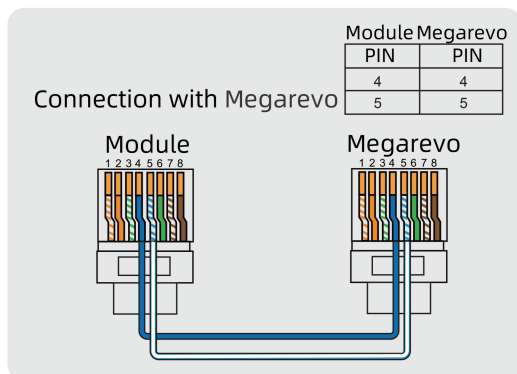
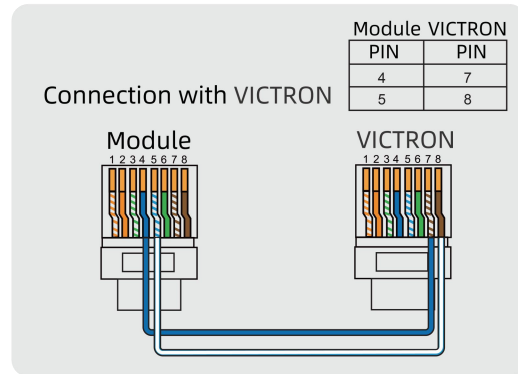
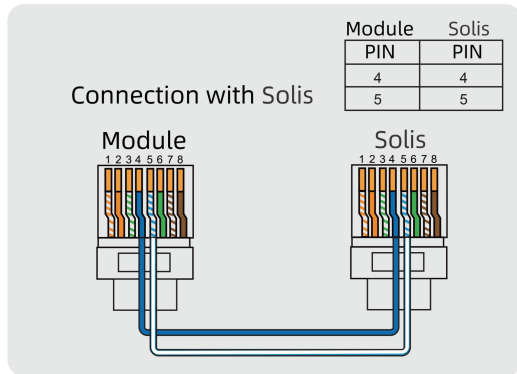
**Note:**

1. Max.32 can be connected in parallel.
2. Inrush Power: Each Inverter has their Inrush power for off grid applications, please make sure to consult with inverter brands for the right value of correspondences.
3. In back-up and off-grid application scenarios, the number of battery packs we recommend is the minimum number to allow the inverter to operate at full load power.





## Appendix



	Module	Solis	VICTRON	Megarevo	Voltronic	Goodwe	Deye
CAN_H	4	4	7	4	6	4	4
CAN_L	5	5	8	5	7	5	5