



storage systems: residential, commercial, e-mobility

Inverter Manufacturer	Max. PV System size (kWp)	Storage Inverter Type	AC Phases		Bat.- coupling		Manufacturer Storage	Storage Type	Max. Power (kW) Charge / Discharge	Usable Capacity (kWh)	Can be extended afterwards	Secure Power Supply (seperate AC port)	Battery Backup Function (automatic transfer switch)	Off-grid Battery Recharge	System information	Solutions for larger storage system configurations	
			1	3	AC	DC											
	1.0 to 15.0	Enphase Energy AC Storage System	☑	☑				AC Storage System	per 0.26 / Battery	1.2 to 15.6	☑	⊗	⊗	⊗	1-phase module inverter, AC coupled storage system; additional accessories from the manufacturer are required for data acquisition	1-phase AC coupled storage system with variable number of micro inverters	
		Sunny Boy Storage 2.5 / 3.7 / 5.0 / 6.0			☑			B-Box HVS 5.1 to 10.2	per 2.5 to 6.0	5.1 to 30.6	☑	☑ (except SBS 2.5)	☑ with Backup Box (1-phase with Phase coupling)	⊗			
	DC: 5.0 / 6.0 AC: no limitations	ABB REACT: 2-UNO-3.6-TL / 2-UNO-5.0-TL	☑			☑		ABB (integrated)	1.6 to 4.8 / 2.0 to 5.0	4.0 to 12.0	☑	☑	⊗	☑	1-phase DC or AC coupled storage system	1-phase hybrid device with additional PV inverter via AC coupling	
	DC: 5.0 / 6.5 / 8.0 AC: no limitations	Hybrid 3.0-3-S / 4.0-3-S / 5.0-3-S		☑	☑	☑		B-Box HVM 8.3 to 22.1	per 3.0 to 5.0	8.3 to 22.1	☑	⊗	☑ with Backup Box	☑	3-phase DC or AC coupled storage system	3-phase hybrid device with additional PV inverter via AC coupling	
		Hybrid 3.0-3-S / 4.0-3-S / 5.0-3-S + Checkbox		☑	☑	☑		RESU 7H / RESU 10H	per 3.0 to 5.0	6.6 to 9.3	☑	⊗	⊗	⊗			
	DC: 4.5 to 6.9 AC: no limitations	PRIMO GEN24 3.0 / 3.6 / 4.0 / 4.6 / 5.0 / 6.0 PLUS		☑	☑	☑		B-Box HVS 5.1 to 7.7	per 3.2 to 6.3	5.1 to 7.7	☑	☑ 1-phase	☑ with Backup Box**	☑	1-phase DC or AC coupled storage system	1-phase hybrid device with additional PV inverter via AC coupling	
		SYMO GEN24 3.0 / 4.0 / 5.0 PLUS**		☑	☑	☑		B-Box HVS 5.1 to 10.2	per 3.1 to 9.0	5.1 to 30.6	☑	☑ 1-phase	☑ with Backup Box	☑	3-phase DC or AC coupled storage system	3-phase Hybrid device with high charging power and additional PV inverter via AC coupling	
DC: 4.5 to 15 AC: no limitations	SYMO GEN24 6.0 / 8.0 / 10.0 PLUS		☑	☑	☑		B-Box HVM 11 to 19.3	per 3.2 to 6.3	11.0 to 19.3	☑	☑ 1-phase	☑ with Backup Box	☑				
		3.9 to 6.5	GW-EM/ES Hybrid 3048/3648/5000	☑			☑		RESU 6.5 to RESU 13	per 2.5 to 5.0	2.9 to 24.8	☑	☑ only UPS Port	☑ only UPS Port	☑	1-phase DC coupled storage system	-
6.5 to 13.0		GW ET / BT: 5K / 6.5K / 8K / 10K		☑		☑		B-Box HVS 5.1 to 12.8	per 5.1 to 12.8	5.1 to 12.8	☑	☑ only UPS Port	☑ only UPS Port	☑	3-phase system design; BT series for AC connection	Up to 10 systems in parallel operation (SEC1000S Box necessary)**	
	12.0	Blueplanet Hybrid 10.0 TL3		☑		☑		B-Box HVS 5.1 to 10.2	per 5.1 to 10.2	5.1 to 10.2	☑	⊗	☑ with Hy-Switch Backup Box	☑	3-phase DC coupled storage system; off-grid mode requires separate activation	Only single device possible, no monitoring portal from manufacturer	
	4.5 to 15.0	Plenticore Plus 3.0 / 4.2 / 5.5 / 7.0 / 8.5 / 10 (Plenticore Plus 3.0 not with Axitec, BYD HVM only 11.0)		☑	☑	☑		AXIStorage Li SH	per 2.7 to 4.0	7.5 to 15.0	☑	⊗	⊗	⊗	3-phase DC coupled storage system; Plenticore BI AC coupled	3-phase hybrid device with additional Piko inverter via AC coupling	
				☑	☑	☑		B-Box HVS 5.1 to 12.8	per 2.7 to 6.5	5.1 to 12.8	☑	⊗	⊗	⊗			
	AC: no limitations	Plenticore BI 5.5/26 and 10/26		☑	☑	☑		B-Box HVS 5.1 to 12.8	per 5.1 to 10.0	5.1 to 12.8	☑	⊗	⊗	⊗	3-phase AC coupled storage system	3-phase battery inverter with high charging power and PV inverter via AC coupling	
				☑	☑	☑		B-Box HVM 11.0 to 22.1	per 2.6 to 5.3	11.0 to 22.1	☑	⊗	⊗	⊗			
				☑	☑	☑		B-Box HVM 13.8 to 22.1	per 6.6 to 10.0	13.8 to 22.1	☑	⊗	⊗	⊗			
4.5 to 6.9	Piko MP Plus 3.0-2 / 3.6-2 / 4.6-2 / 5.0-2	☑		☑	☑		B-Box HVS 5.1 to 12.8	per 2.7 to 4.6	5.1 to 12.8	☑	⊗	⊗	⊗	1-phase DC coupled storage system	1-phase hybrid device with additional PV inverter via AC coupling		
2.3 to 3.75	Piko MP Plus 1.5-1 / 2.0-1 / 2.5-1	☑		☑	☑		BYD HVS 5.1 to 7.7	per 1.5 to 2.5	5.1 to 7.7	☑	⊗	⊗	⊗	1-phase DC coupled storage system	1-phase hybrid device with additional PV inverter via AC coupling		
	12.0 / 13.5	LG ESS Home 8.0 / 10.0		☑		☑		LG HB 7H / 10H	per 3.5 to 7.0	6.6 to 18.6	☑	⊗	☑ optional with Backup Box	☑	3-phase DC coupled storage system; inverter with 3 PV MPP tracker and 2 battery inputs	-	
	no limitations	MASTER BLOKK 50 / 100 / 150 / 200 / 250 / 300		☑				BATTERY BLOKK LFP	per 50 to 300	89.6 to 937.8	☑	⊗	⊗	⊗	3-phase AC coupled storage system	-	
	6.5 / 9.6 / 13.0	KJUUBE		☑				BATTERY KJUUBE	per 4.5 to 15	8.6 to 35.5	☑	☑	☑ only UPS Port	☑	3-phase DC coupled storage system	-	
	AC: no limitations	Sunny Island 4.4M / 6.0H / 8.0H	☑	☑	☑			AxiStorage Li 10S	per 3.3 to 18.0	8.0 to 96.0	☑	⊗	☑ with Backup Box (1- / 3-phase)	☑	1- or 3-phase AC coupled storage system; off-grid capable	1- / 3-phase AC coupled storage system with matching PV inverter	
		Sunny Island 4.4M / 6.0H / 8.0H	☑	☑	☑			LVS 4.0 to 24.0	per 3.3 to 18.0	4.0 to 24.0	☑	⊗	☑ with Backup Box (1- / 3-phase)	☑			
		Sunny Island 4.4M / 6.0H	☑	☑	☑			B-Box LVL 15.4	per 3.3 to 18.0	15.4 to 138.6	☑	☑	⊗	⊗	1-phase AC coupled storage system;		
			☑	☑	☑			RESU 6.5	per 3.3 to 5.0	5.9 to 11.8	☑	⊗	⊗	⊗			
			Sunny Boy Storage 2.5 / 3.7 / 5.0 / 6.0	☑	☑	☑			AXIStorage Li SH	per 2.5 to 6.0	7.5 to 45.0	☑	☑ (except SBS 2.5)	☑ with Backup Box (1-phase with Phase coupling)	☑	1-phase AC coupled storage system; 3 battery inputs on the inverter	1- phase AC coupled storage system with suitable PV inverter
				☑	☑	☑			B-Box HVS 5.1 to 10.2	per 2.5 to 6.0	5.1 to 30.6	☑	☑	☑	☑		
			☑	☑	☑			B-Box HVM 8.3 to 22.1	per 2.5 to 6.0	8.3 to 66.3	☑	☑	☑	☑			
		Sunny Boy Storage 3.7	☑	☑	☑			RESU 10H	per 2.5 to 6.0	9.3 to 27.9	☑	⊗	⊗	⊗	1-phase AC coupled storage system		
	DC: 3.4 to 7.75 AC: no limitations	StorEdge 1ph (DC) / SE HD Wave StorEdge (AC) + StorEdge Interface	☑		☑	☑		RESU 7H / RESU 10H	per 3.5 to 5.0	6.6 to 9.8	☑	⊗	⊗	⊗	1-phase DC or AC coupled storage system	1-phase hybrid device with additional PV inverter via AC coupling	
	5 to 11.5	RWS StorEdge Hybrid 5 / 7 / 8 / 10		☑	☑	☑		LVS 4.0 to 24.0	per 3.3 to 5.0	4 to 24	☑	⊗	⊗	⊗	3-phase DC or AC coupled storage system	Up to 3 systems in parallel operation**, with additional PV inverter via AC coupling	
				☑	☑	☑		RESU 6.5 to RESU 13	per 4.2 to 5.0	5.9 to 12.4	☑	⊗	⊗	⊗			
3.4 to 7.8	HD-WAVE StorEdge RWS SE 2200H / 3000 / 3500H / 3680H / 4000H / 5000H / 6000H	☑		☑	☑			RESU 7H / RESU 10H	per 3.5 to 5.0	6.6 to 9.8	☑	⊗	⊗	⊗	1-phase DC or AC coupled storage system	1-phase hybrid device with additional PV inverter via AC coupling	
	4.0 to 6.0	X1-HYBRID 3.0-T / 3.7-T / 5.0-T	☑			☑		H48050	per 3.0 to 5.0	3.8 to 15.4	☑	☑ with X1 EPS Backup Box	☑ with X1 EPS Backup Box	☑	1-phase DC coupled storage system	-	
	6.0 to 13.0	X3-HYBRID 5.0-T / 6.0-T / 8.0-T / 10.0-T		☑		☑		H48050	per 3.6 to 10.0	7.7 to 15.4	☑	☑ 1-phase, with X3 EPS Backup Box	☑ 1-phase, with X3 EPS Backup Box	☑	3-phase DC coupled storage system	Up to 3 systems in parallel operation	
								T-BAT H	per 2.5 to 10.0	8.0 to 22.4	☑	☑	☑	☑			

*With suitable PV inverter // **Availability / Release according to deadline manufacturer // Depending on the country settings, there may be limitations on the AC connection power. All data under reservation according the manufacturer's approval.