



























# STORAGE SYSTEMS - RESIDENTIAL / COMMERCIAL / E-MOBILITY



Inverter Manufacturer	System size [kWp]	Storage Inverter Type	Manufacturer Compatible Storage	Storage Type	Suitable for			Power [kW]		Usable Storage Capacity [kWh]	Capacity can be expanded afterwards	Emergency Power Funct.	System information					
					Residential	Commercial	E-Mobility	Charge	Discharge									
Fronius 	DC: 2.4 to 8.0 AC: no limitations	Fronius Hybrid 3.0-3-S	Fronius 	Solar Battery 4.5 to Solar Battery 12.0	☀️			2.4 to 5.0	2.4 to 5.0	3.6 to 9.6	yes	yes	Three-phase DC coupled or AC coupled storage system with external battery					
		Fronius Hybrid 4.0-3-S																
		Fronius Hybrid 5.0-3-S																
Kostal 	5.0 to 11.0	Kostal Piko 6.0 BA	Kostal 	Piko Battery Li 3,6 to Piko Battery Li 9,6	☀️			1.8 to 4.9	1.84 to 4.9	3.2 to 8.6	yes	yes, from 5 storage units	Three-phase DC coupled storage system with external battery					
		Kostal Piko 8.0 BA	BYD 	B-BOX H 6.4 to B-BOX H 11.5	☀️			3.1 to 5.5	3.1 to 5.5	6.4 to 11.5	yes	yes	Three-phase DC coupled storage system with external battery					
		Kostal Piko 10 BA																
LG Electronics 	6.6 (3.3 per String)	LG ESS	LG Electronics 	LG ESS	☀️			3.0	3.0	5.8	no	no	Three-phase DC coupled storage system with external battery					
SMA 	no limitations	SMA Sunny Island 4.4M	LG Chem 	RESU 3.3 to RESU 10	☀️			3.0 to 3.3	3.0 to 3.3	2.9 to 8.8	yes	no	Parallel connection with RESU PLUS Box possible (max. two storages)					
		SMA Sunny Island 4.4M SMA Sunny Island 6.0H SMA Sunny Island 8.0H	Axitec 	AxiStorage Li 7S	☀️	☀️	☀️	3.3 to 18.0	3.3 to 18.0	5.4 to 64.8	yes	yes, 1 and 3 ph	Single- and three-phase system configuration possible. Off-grid capable					
				AxiStorage Li 9S				3.3 to 18.0	3.3 to 18.0	6.8 to 81.6								
				AxiStorage Li 10S				3.3 to 18.0	3.3 to 18.0	8.1 to 97.2								
	SMA Sunny Boy Storage 2.5 SMA Sunny Boy Storage 3.7 SMA Sunny Boy Storage 5.0 SMA Sunny Boy Storage 6.0	no limitations	Mercedes Benz 	Mercedes Benz Energy Storage	☀️			1.8 to 6.0	1.8 to 6.0	5.6 to 22.4	yes	no	Can be flexibly scaled up to 22.4 kWh (8 x 2.8 kWh)					
								BYD 	B-Box 2.5 to B-Box 10.0	☀️	☀️	☀️	2.5 to 18.0	2.5 to 18.0	2.5 to 102.4	yes	yes, 1 and 3 ph	Single- and three-phase system configuration possible. Capacity can be expanded temporary unlimited. Off-grid capable
LG Chem 	RESU 7H	☀️			2.5 to 3.5	2.5 to 3.5	6.6						no	no	Simple installation			
					BYD 	B-BOX H 6.4 to B-BOX H 11.5	☀️			2.5 to 5.0	2.5 to 5.0	9.3	yes	no	Can be flexibly scaled (6.4 / 7.7 / 9.0 / 10.2 / 11.5 kWh)			
2.5 to 6.0	2.5 to 6.0	6.4 to 11.5																
SolarEdge 	no limitations	1ph Inverter SolarEdge + StorEdge Interface	LG Chem 	RESU 7H	☀️			3.5	3.5	6.6	yes	no	Single-phase DC coupled storage system with external battery					
				RESU 10H				5.0	5.0	9.3								
		SolarEdge SE3680H + StorEdge Interface SolarEdge SE5000H + StorEdge Interface	LG Chem 	RESU 7H	☀️			3.5	3.5	6.6	yes	no	AC-coupled storage system for retrofitting with external battery.					
				RESU 10H				5.0	5.0	9.3								
SolaX 	3.0 to 16.5	SolaX Power X-Hybrid SK-SU3000E SolaX Power X-Hybrid SK-SU3700E SolaX Power X-Hybrid SK-SU5000E	Pylontech 	US2000B	☀️			1.5 to 5.0	1.5 to 5.0	2.2 to 13.2	yes	no	Can be flexibly scaled up to 13.2 kWh (6 x 2.2 kWh)					
			LG Chem 	RESU 3.3 to RESU 10	☀️			3.0 to 5.0	3.0 to 5.0	2.9 to 8.8	yes	no	Parallel connection with RESU PLUS Box possible (max. two storages)					
								BYD 	B-Box 2.5 to B-Box 10.0	☀️			2.5 to 5.0	2.5 to 5.0	2.5 to 10.2	yes	no	Capacity can be expanded temporary unlimited
													SolaX 	Solax Battery 3,3 and 6,5	☀️			3.0
	6.0 to 13.0	X3-HYBRID 5.0-T   X3-HYBRID 6.0-T X3-HYBRID 8.0-T   X3-HYBRID 10.0-T	Pylontech 	H48050	☀️	☀️		3.6 to 10.0	3.6 to 10.0	7.7 to 28.8	yes	no	Three-phased system configuration					
Victron 	no limitations	MultiGrid	Axitec 	AxiStorage Li 7S	☀️	☀️		2.4 to 7.2	2.4 to 7.2	5.4 to 64.8	yes	no	Single- and three-phase system configuration possible.					
				AxiStorage Li 9S				2.4 to 7.2	2.4 to 7.2	6.8 to 81.6								
				AxiStorage Li 10S				2.4 to 7.2	2.4 to 7.2	8.1 to 97.2								
			BYD 	B-Box 2.5 to B-Box 10.0	☀️	☀️		2.4 to 7.2	2.4 to 7.2	2.5 to 102.4	yes	yes, 1 and 3 ph	Single- and three-phase system configuration possible. Capacity can be expanded temporary unlimited. Off-grid capable					
LG Chem 	RESU 3.3 to RESU 10	☀️			2.4	2.4	2.9 to 8.8	yes	no	Parallel connection with RESU PLUS Box possible (max. two storages)								