






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 Function	System information
					Residential	Commercial	E-Mobility	Charge	Discharge				
ABB 	5.0 up to 6.0	ABB REACT-2-UNO-3.6-TL ABB REACT 2-UNO-5.0-TL	ABB 	ABB (integrated)				1.6 to 4.8*	2.0 to 5.0*	4.0 to 12.0	yes	yes	Single-phase DC coupled or AC coupled storage system
Fronius 	DC: 2.4 up to 8.0 AC: no limitations	Fronius Hybrid 3.0-3-S Fronius Hybrid 4.0-3-S Fronius Hybrid 5.0-3-S	BYD 	B-Box H 6.4 to B-Box H 11.5				3.0 to 5.0	3.0 to 5.0	6.4 to 11.5	yes	yes	Three-phase DC coupled or AC coupled storage system with external battery
		Fronius Hybrid 3.0-3-S + Checkbox Fronius Hybrid 4.0-3-S + Checkbox Fronius Hybrid 5.0-3-S + Checkbox	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	
			LG Chem 	RESU 7H / RESU 10H				3.0 to 5.0	3.0 to 5.0	6.6 to 9.3	no	no	
Kaco 	6.0 up to 12.0	blueplanet hybrid 6.0 - 10.0 TL3	BYD 	B-Box H 6.4 to B-Box H 11.5				6.0 to 9.0	6.0 to 9.9	6.4 to 11.5	yes	yes	Three-phase DC coupled storage system with external battery
Kostal 	6.3 up to 15.0	Plenticore Plus 4.2 / 5.5 / 7.0 / 8.5 / 10	AXITEC 	AXIstorage Li SH				2.0 to 4.0	2.0 to 4.0	7.5 to 15.0	yes	no	Three-phase DC coupled storage system with external battery
			BYD 	B-Box H 5.1 to B-Box H 11.5				3.3 to 6.0	3.3 to 6.0	5.1 to 11.5	yes	no	
LG Electronics 	6.6 up to 13.5	LG ESS 6.4 / 8.0 / 10.0	LG Electronics 	LG ESS 6.4 / 7 / 10				3.0 to 5.0	3.0 to 5.0	5.8 to 18.6	yes	yes (optional) except LG ESS 6.4	Three-phase DC coupled storage system with external battery
SMA  	no limitations	SMA Sunny Island 4.4M SMA Sunny Island 6.0H SMA Sunny Island 8.0H	AXITEC 	AXIstorage Li 7S, Li 9S, Li 10S				3.3 to 18.0	3.3 to 18.0	5.4 to 96.0	yes	yes (1- and 3-phase)	Single- and three-phase system configuration possible, Off-grid capable
			BYD 	B-Box L 3.5 to 14.0				3.0 to 13.6	3.0 to 13.6	3.5 to 42.0	yes	yes	Single- and three-phase system configuration possible, flexibly scalable in 3,5 kWh steps
		BYD 	B-Box 13.8				4.6 to 18.0	4.6 to 18.0	13.8 to 124.2	yes	yes (1- and 3-phase)	Single- and three-phase system configuration possible, Capacity can be expanded in definite in time, Off-grid capable	
		LG Chem 	RESU 3.3 to RESU 10				3.0 to 3.3	3.0 to 3.3	2.9 to 17.6	yes	no	Parallel connection with RESU PLUS Box possible (max. two storages)	
	LG Chem 	RESU 13				3.0 to 5.0*	3.0 to 5.0*	12.4 to 24.8	yes	yes			
	no limitations	SMA Sunny Boy Storage 2.5 / 3.7 / 5.0 / 6.0	AXITEC 	AXIstorage Li SH				2.5 to 5.0*	2.5 to 5.0*	7.5 to 15.0	yes	yes	Can be flexibly scaled (7,5 / 10 / 12,5 / 15 kWh)
			BYD 	B-Box H 5.1 to B-Box H 10.2				2.5 to 5.0*	2.5 to 5.0*	5.1 to 10.2	yes	yes, 1-phase except SMA Sunny Boy Storage 2.5	Can be flexibly scaled (5,1 / 6,4 / 7,7 / 9,0 / 10,2 kWh)
			LG Chem 	RESU 7H RESU 10H / RESU 10M				2.5 to 3.5 2.5 to 5.0*	2.5 to 3.5 2.5 to 5.0*	6.6 to 9.3	no		Simple installation
SolarEdge 	no limitations	SE StorEdge 1ph [DC] SE HD Wave StorEdge [AC] + StorEdge Interface	LG Chem 	RESU 7H / RESU 10H				3.5 to 5.0*	3.5 to 5.0*	6.6 to 9.3	no	no	DC coupled storage system / AC coupled storage system / + external battery
	5.0 up to 11.5	SE Hybrid 5 / 8 / 10	BYD 	B-Box L 3.5 to 14.0				3.0 to 5.0	3.0 to 5.0	3.5 to 14.0	yes	no	
			LG Chem 	RESU 3.3 to RESU 13				3.0 to 5.0	3.0 to 5.0	3.5 to 24.8	yes	no	
SolaX Power  	4.0 up to 6.0	X1-HYBRID 3.0-T / 3.7-T / 5.0-T	Pylontech 	H48050				3.0 to 5.0*	3.0 to 5.0*	3.8 to 15.4	yes	yes	Single-phase system configuration
			Pylontech 	Force H1				3.0 to 5.0*	3.0 to 5.0*	9.5 to 22.1	yes	yes	
			SolaX Power 	T-BAT H				3.0 to 5.0*	3.0 to 5.0*	4.0 to 22.4	yes	yes	
	6.0 up to 13.0	X3-HYBRID 5.0-T / 6.0-T / 8.0-T / 10.0-T	Pylontech 	H48050				3.6 to 10.0	3.6 to 10.0	7.7 to 15.4	yes	yes	Three-phase system configuration
			Pylontech 	Force H1				3.6 to 8.4	3.6 to 8.4	9.5 to 22.1	yes	yes	
			SolaX Power 	T-BAT H				2.5 to 10.0	2.5 to 10.0	4.0 to 22.4	yes	yes	

*in Germany limited to 4.6kW for single-phase systems (VDE-AR-N 4105)