

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					
ABB 	5.0 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 Storage System	
Fronius 	DC: 2.4 to 8.0 AC: no limitations	Fronius Hybrid 3.0-3-S Fronius Hybrid 4.0-3-S Fronius Hybrid 5.0-3-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 3.0-3-S + Checkbox Fronius Hybrid 4.0-3-S + Checkbox Fronius Hybrid 5.0-3-S + Checkbox	LG Chem 	RESU 7H to RESU 10H	☀️			3.5 to 5.0	3.5 to 5.0	RESU 7H 6.6 RESU 10H 9.3	no	no		
Kostal 	6.3 to 15.0	Plenticore Plus 4.2 / 5.5 / 7.0 / 8.5 / 10	BYD 	B-BOX H 6.4 to B-BOX H 11.5	☀️			3.3 to 6.0	3.3 to 6.0	6.4 to 11.5	yes	no	Three-phase DC coupled hybrid inverter with optional battery activation	
LG Electronics 	6.6 (3.3 per String)	LG ESS	LG Electronics 	LG ESS	☀️			3.0	3.0	5.8 to 11.5	yes	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 17.6	yes	no	Parallel connection with RESU PLUS Box possible (max. two storages)	
		SMA Sunny Island 4.4M / 6.0H	LG Chem 	RESU 13	☀️	☀️		3 to 5.0	3 to 5.0	12.4 to 24.8	yes	yes	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, Li 9S, Li10S	☀️	☀️	☀️		3.3 to 18.0	3.3 to 18.0	5.4 to 96.0	yes	yes, 1 and 3 ph	Single- and three-phase system configuration possible. Off-grid capable
			BYD 	B-Box L 3.5 to 14.0	☀️	☀️			3.0 to 6	3.0 to 6	3.5 to 14	yes	yes	Can be flexibly scaled (3.5 / 7.0 / 10.5 / 14 kWh)
		SMA Sunny Island 6.0H / 8.0H	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 ph	Single- and three-phase system configuration possible. Capacity can be expanded indefinite in time. Off-grid capable
	no limitations	SMA Sunny Boy Storage 2.5 / 3.7 / 5.0 / 6.0	LG Chem 	RESU 7H to RESU 10H	☀️			2.5 to 3.5 / 2.5 to 5.0	2.5 to 3.5 / 2.5 to 5.0	RESU 7H 6.6 RESU 10H 9.3	yes	yes, 1 ph, except SMA Sunny Boy Storage 2.5	Simple installation	
			BYD 	B-BOX H 6.4 to B-BOX H 10.2	☀️			2.5 to 5.0	2.5 to 5.0	6.4 to 10.2			Can be flexibly scaled (6.4 / 7.7 / 9.0 / 10.2 kWh)	
SolarEdge 	no limitations	1ph Inverter (DC) / SE3680H (AC) / SE5000H (AC) / + StorEdge Interface	LG Chem 	RESU 7H to RESU 10H	☀️			3.5 to 5.0	3.5 to 5.0	RESU 7H 6.6 RESU 10H 9.3	no	no	DC coupled storage system / AC coupled storage system / + external battery	
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 17.6	yes	no	Parallel connection with RESU PLUS Box possible (max. two storages)	
			LG Chem 	RESU 13	☀️	☀️		5.0	5.0	12.4 to 24.8	yes	yes	Parallel connection with RESU PLUS Box possible (max. two storages)	
	6.0 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 28.8	yes	yes	Three-phase system configuration	
			SolaX 	T-BAT H	☀️	☀️		3.0 to 12.0	3.0 to 12.0	4.0 to 22.4	yes	yes*	Three-phase system configuration	