Examples overview storage systems: residential, commercial, e-mobility

Inverter Manufacturer	System information	Manufacturer Storage	Storage Type	Suitable for			Power (kW)		Usable Storage Capacity (kWh)	Capacity can be expanded afterwards	Emergency Power Function
				Residental	Commercial	E-Mobility	Charge	Discharge			
Fronius	Three-phase DC or AC coupled storage system	BYD	B-Box HVM 8.3 to 22.1	✓			3.0 to 5.0	3.0 to 5.0	8.3 to 22.1	✓	✓ optional with Backup Box
		LG Chem	RESU 7H / RESU 10H	✓			3.0 to 5.0	3.0 to 5.0	6.6 to 9.3	✗	✗
	Three-phase DC or AC coupled storage system	BYD	B-Box HVS 5.1 to 10.2	✓			4.5 to 9.0	4.5 to 9.0	5.1 to 10.2	✓	Emergency power: ✓ Backup power: optional with Backup Box
			B-Box HVM 11 to 22.1	✓		✓	3.4 to 9.0	3.4 to 9.0	11.0 to 22.1	✓	
GOODWE YOUR SOLAR ENGINE		LG Chem	RESU 3.3 to RESU 13	✓			2.5	2.5	2.9 to 24.8	✓	✗
	Single-phase DC coupled storage system	BYD	B-Box HVS 5.1 to 12.8	✓			3.6 to 6.0	3.6 to 6.0	5.1 to 12.8	✓	✓
	Three-phase system configuration; BT-series for AC connection	BYD	B-Box HVS 5.1 to 12.8	✓		✓	5.1 to 12.8	5.1 to 12.8	5.1 to 12.8	✓	✓
			B-Box HVM 11 to 22.1	✓		✓	5.1 to 10.2	5.1 to 10.2	11.0 to 22.1	✓	✓
KACO new energy.	Three-phase DC coupled storage system; Off-Grid possible through optional activation	BYD	B-Box HVS 5.1 to 10.2	✓			9.9	9.9	5.1 to 10.2	✓	✓ optional activation
			B-Box HVM 11 to 22.1	✓		✓	9.9	9.9	11.0 to 22.1	✓	✓ optional activation
KOSTAL Solar Electric	Three-phase DC coupled storage system; Plenticore BI AC-coupled	AXITEC high quality german solar brand	AXIstorage Li SH	✓			2.0 to 4.0	2.0 to 4.0	7.5 to 15.0	✓	✗
		BYD	B-Box HVS 5.1 to 12.8	✓			2.7 to 6.7	2.7 to 6.7	5.1 to 12.8	✓	✗
			B-Box HVM 16.6 to 22.1	✓		✓	3.9 to 5.3	3.9 to 5.3	16.6 to 22.1	✓	✗
	Single-phase DC coupled storage system	BYD	B-Box HVS 5.1 to 12.8	✓			2.7 to 4.6	2.7 to 4.6	5.1 to 12.8	✓	✗
			B-Box HVM 8.3 to 22.1	✓			2.0 to 4.6	2.0 to 4.6	8.3 to 22.1	✓	✗
	Single-phase AC coupled storage system	BYD	BYD HVS 5.1 / 7.7	✓			1.5 to 2.5	1.5 to 2.5	5.1/ 7.7	✓	✗
			BYD HVM 8.3 / 11.0	✓			1.5 to 2.5	1.5 to 2.5	8.3/11.0	✓	✗
LG Life's Good		LG Life's Good	LG HB 7H / 10H	✓			3.5 to 5.0	3.5 to 5.0	6.6 to 18.6	✓	✓ optional with Back-up Box, exept LG ESS 6.4
SMA	Single- or three-phase AC coupled storage system; Off-Grid capable	AXITEC high quality german solar brand	AXIstorage Li 10S	✓	✓	✓	3.3 to 18.0	3.3 to 18.0	8.0 to 96.0	✓	✓ optional with Back-up Box (Single- and three-phase)
		BYD	LVS 4.0 to 24.0	✓			3.3 to 4.6	3.3 to 4.6	4 to 24	✓	
		BYD	B-Box LVL 15.4	✓	✓	✓	4.6 to 18.0	4.6 to 18.0	15.4 to 92.4	✓	
	Single-phase AC coupled storage system	LG Chem	RESU 3.3 to RESU 10	✓			3.0 to 3.3	3.0 to 3.3	2.9 to 17.6	✓	✗
		LG Chem	RESU 13	✓			3.0 to 5.0*	3.0 to 5.0*	12.4 to 24.8	✓	✓ optional with Back-up Box (Single-phase)
	Single-phase AC coupled storage system; 3 battery inputs on the inverter	AXITEC high quality german solar brand	AXIstorage Li SH	✓			2.5 to 5.0*	2.5 to 5.0*	7.5 to 45.0	✓	✓ optional with Back-up Box (three-phase coupled), exept SMA Sunny Boy Storage 2.5
		BYD	B-Box HVS 5.1 to 10.2	✓			2.5 to 5.0*	2.5 to 5.0*	5.1 to 30.6	✓	
			B-Box HVM 8.3 to 22.1	✓			2.5 to 5.0*	2.5 to 5.0*	8.3 to 66.3	✓	
		LG Chem	RESU 10H	✓			2.5 to 5.0*	2.5 to 5.0*	9.3 to 27.9	✓	
	Single-phase AC coupled storage system	LG Chem	RESU 10M	✓			3.7	3.7	9.3	✗	✗
solaredge	Single-phase DC or AC coupled storage system	LG Chem	RESU 7H / RESU 10H	✓			3.5 to 5.0*	3.5 to 5.0*	6.6 to 18.6	✓	✗
	Three-phase DC or AC coupled storage system	BYD	LVS 4.0 to 24.0	✓		✓	3.3 to 12.8	3.3 to 12.8	4 to 24	✓	✗
		LG Chem	RESU 3.3 to RESU 13	✓			3.0 to 5.0	3.0 to 5.0	3.5 to 24.8	✓	✗
	Single-phase DC or AC coupled storage system	LG Chem	RESU 7H / RESU 10H	✓			3.5 to 5.0*	3.5 to 5.0*	6.6 to 18.6	✓	✗
PYLONTECH	Single-phase DC coupled storage system	PYLONTECH	H48050	✓			3.0 to 5.0*	3.0 to 5.0*	3.8 to 15.4	✓	✓
		SOLAX POWER	T-BAT H	✓			3.0 to 5.0*	3.0 to 5.0*	4.0 to 22.4	✓	✓