

Max Backup. Max Safety.

LFP battery energy storage, single units and racks from 4.8 to 60 kWh. Built by MaxVolt Energy Industries Ltd at our Duhai plant, Ghaziabad.

LFP Cell chemistry	Smart BMS Cell protection	Remote Monitoring	5 years Warranty	10 years Rated life	Scalable Add racks
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Models and backup time

Model	Type	kWh	Max kW	Max discharge	Backup at 2 kW	Backup at 5 kW	Weight
48V 100Ah	Single	4.8	2.4	50 A	1 h 57 m	above limit	60 kg
48V 200Ah	Rack	9.6	4.8	100 A	3 h 53 m	above limit	per project
48V 300Ah	Rack	14.4	7.2	150 A	5 h 50 m	2 h 20 m	per project
96V 100Ah	Single	9.6	4.8	50 A	3 h 53 m	above limit	110 kg
96V 200Ah	Rack	19.2	9.6	100 A	7 h 47 m	3 h 07 m	per project
96V 300Ah	Rack	28.8	14.4	150 A	11 h 40 m	4 h 40 m	per project
96V 400Ah	Rack	38.4	19.2	200 A	15 h 33 m	6 h 13 m	per project
96V 500Ah	Rack	48	24	250 A	19 h 26 m	7 h 47 m	per project
120V 100Ah	Single	12	6	50 A	4 h 52 m	1 h 57 m	150 kg
120V 200Ah	Rack	24	12	100 A	9 h 43 m	3 h 53 m	per project
120V 300Ah	Rack	36	18	150 A	14 h 35 m	5 h 50 m	per project
120V 400Ah	Rack	48	24	200 A	19 h 26 m	7 h 47 m	per project
120V 500Ah	Rack	60	30	250 A	24 h 18 m	9 h 43 m	per project

Backup time = kWh × 0.9 (depth of discharge) × 0.9 (inverter efficiency) ÷ load in kW. Max kW = system voltage × max discharge current; a model cannot run a load above this. Final sizing is done against your load sheet. Pair with MaxVolt storage inverters, 1.2 to 5 kW pure sine wave.