

CELLCRONIC 12.8V 100AH

For Home Storage and Commercial Use

Lithium Iron Phosphate Battery



SAFEST LIFEPO4 BATTERY

12.8V 100AH 1280WH



COFFEE MAKER
(200W)

⚡ 6.4H



TOASTER
(750W)

⚡ 1.7H



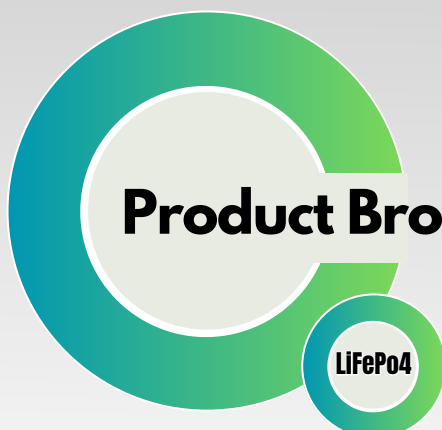
ELECTRIC KETTLE
(800W)

⚡ 1.6H

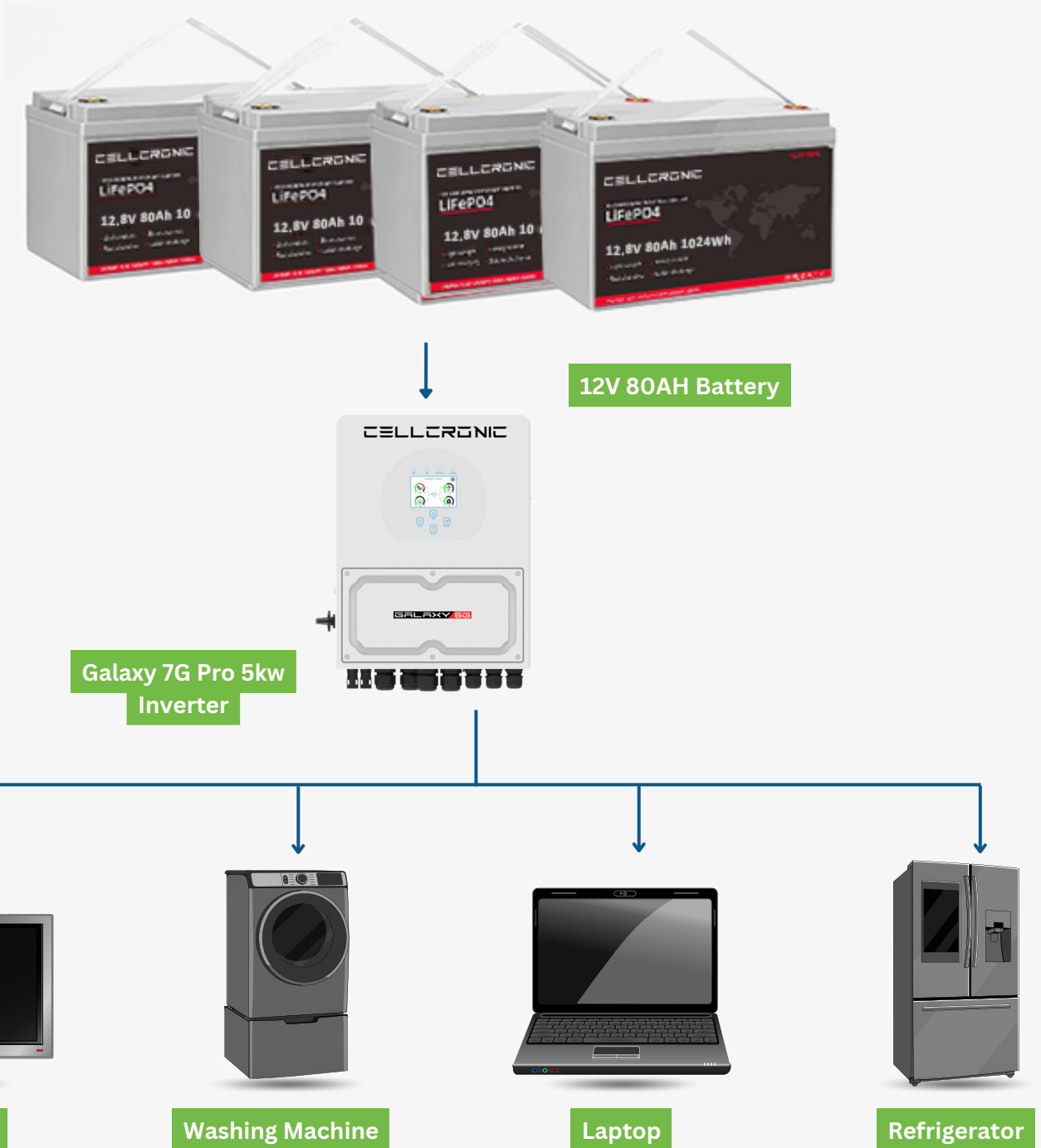


CAR REFRIGERATOR
(800W)

⚡ 1.6H



Own Home Energy Station



Crafted out of Lithium Iron Phosphate (LifePO4) technology, this is a battery built to last. with 3,000+ recharge cycles at 80% DOD the 80 Ah provides 5 X the lifespan than your typical SLA battery. compatible with inverters of multiple brands, which can support 4 units parallel and series connection. It is the best home storage solution available in the market

LIGHTWEIGHT AND PORTABLE



3000+ LIFE CYCLE AT 80% DOD



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LIFEPO4 BATTERY VS LEAD ACID BATTERIES



(12.8V 100Ah)



SLA battery

24.25 lbs



70~80 lbs

100% usable capacity



40-50% usable capacity

2 hours charging

(Regular 0.5C charger)



10 hours charging

(Regular 0.1C charger)

3000+ life cycles



300~500 life cycles

No maintenance



Maintenance periodically

Environment friendly



Release noxious acidic gas



CELLCRONIC

12.8V 100AH



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Lithium Iron Phosphate Battery

12V Products Specification				
Model		12V 75AH	12V 80AH	12V 100AH
Electrical Characteristics	Nominal Voltage	12.8V		
	Nominal Capacity	75Ah	80Ah	100Ah
	Energy	960Wh	1024Wh	1280Wh
	Cycle Life	>3000 Cycle @80%DOD, at 25°C		
	Months Self Discharge	≤3% per month at 25°C		
Standard Charge	Charge Voltage	14.6+0.2V Calculated according to 3.65V voltage of each cell		
	Standard Charge Current	0.2C		
	Max. Charge Current	0.5C		
Standard Discharge	Max. Continuous Discharge Current	1C		
	Peak Discharge Current	2C (<3S)		
	Discharge Cut-off Voltage	10.0V Calculated according to 2.5V voltage of each cell		
Temperature	Charge Temperature	0°C to 45°C (32°F to 113°F) @60±25% Relative Humidity		
	Discharge Temperature	-20°C to 60°C (-4°F to 140°F) @60±25% Relative Humidity		
	Storage Temperature	15°C ~ 35°C (Please charge and discharge your battery every month)		
Parallel Connection		Support 4pcs in Parallel		
Serial Connection		Support 4pcs in Series		
Series and parallel connections DO NOT recommended at the same time				
If need serial connection, please check whether the model support				