

Portable LiFePO4 830 Wh/1000 W
120 VAC generator
LEON[®] SB LBACG-830



Technetix' LBACG-830 is a green alternative to small portable gas generators without compromising power or performance. Featuring 830 Wh of energy storage and a 1 kW power output, this innovative design uses a high capacity LiFePO4 battery and a high efficiency AC inverter to silently produce clean, regulated 120 VAC, 60 Hz sine wave power. It features a lightweight, hard shell case the size of a small carry-on bag. Power anything from power tools, fiber optic splicers, and test equipment, to laptop and cell phone chargers. This small, lightweight and rugged power pack provides portable power for the job site, remote location, or anywhere you need to plug in. Charge from zero to a full battery in only 4 hours via the AC charger. Feel secure that you're using the safest lithium chemistry available, without cobalt and explosive hazards.



LBACG-830
(side angled view)

FEATURES

- **Big power, small package:** 1000 W of continuous AC output power with 830 Wh of stored energy at only 24 lbs (11 kg) in the size of a small carry-on bag
- **Fast, flexible charging:** charge from the grid with the AC mains charger in less than 4 hours, from the optional DC vehicle power outlet charger, or from the optional solar charging kit
- **Premium on safety:** utilizes safe lithium chemistry without cobalt or explosive hazards
- **Dependable backup:** keep vital equipment silently powered during a power outage with two 120 V outputs from 1 to over 100 hours depending on load
- **Rugged:** tough, weather-resistant, hard shell case with easy transport handle protect the product for mobile use
- **Endless uses:** power anything on the job site such as fiber optic splicers, test equipment, laptops, charge tools, or anything you typically run with an extension cord

SPECIFICATIONS

Parameter	Specification	
Power		
Nominal Stored Energy	830 Wh	
AC Output	120 VAC sine wave output (2 outlets)	
Output Power	1000 W continuous	
Battery & Charger		
Battery Chemistry	LiFePO4	
Charging Options	AC: included 200 W high-powered rapid charger DC: optional 116 W DC vehicle power outlet charger DC photovoltaic (PV): optional 20 A MPPT solar charging kit (cables included)	
Estimated Charge Time	4 hours with the included AC charger	
Battery Management System	Integrated	
Estimated Cycle Life	10-year estimated cycle life with normal use	
Warranty	2-year limited manufacturer's warranty	
Environmental & Physical		
External Case	Portable ruggedized, weather-resistant, hard shell case with easy transport handle	
Indicator Light	Binary charge state indicator light	
Temperature	Operating	0 °C to +50 °C (+32 °F to +122 °F)
	Storage	-10 °C to +55 °C (+14 °F to +131 °F)
	Charging	0 °C to +45 °C (+32 °F to +113 °F)
Dimensions (H x W x D)	5.6"H x 14.4"W x 10.0"D (14.2H x 36.6W x 25.4D cm)	
Weight	24.2 lb (11.0 kg)	



LBACG-830
(end view)

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ORDERING INFORMATION

Part #	Description
LBACG-830	Portable LiFePO4 830 Wh/1000 W 120 VAC generator
Optional Accessories	
LBACG-830-DCCGR	116 W DC vehicle power outlet charger
LBACG-830-PVCGRKIT	20 A MPPT solar charging kit (includes cables c/w MC4 connectors)



LBACG-830
AC rapid charger



LBACG-830-DCCGR



LBACG-830-PVCGRKIT