

EPOCH 12V 50AH ESSENTIAL SERIES

Machine Information

Condition	New
Brand	Epoch
Category	Batteries

The Epoch 12V 50Ah Essential Series LiFePO4 battery is a compact deep-cycle option for kayak trolling motors, fish finders, portable power boxes, and small off-grid systems. It provides 0.64kWh of energy with 50A continuous output and a 50A maximum charge rate in a Group 22NF footprint. Bluetooth monitoring lets users check battery information through the app, while the IP54 enclosure offers protection for suitable installations. Unlike the heated Essential models, this battery has no internal heater; its listed charging range begins at 32°F. With 4,000+ cycles and an 11-year warranty, it is intended for portable and deep-cycle loads rather than engine starting.

Configuration

SKU	1250A-ES
Heated	no
Victron	no
Bci Group	22NF
Ip Rating	IP54
Warranty	11 yr
Width_in	5.6
Bluetooth	yes
Chemistry	LiFePO4 / Lithium iron phosphate
Cycle Life	4,000+
Energy Kwh	0.64
Height_in	8.3
Length_in	9
Capacity Ah	50
Weight_lbs	14
Model Number	12V 50Ah Essential Series
Data Sheet Url	https://cdn.shopify.com/s/files/1/0251/0484/2798/files/Epoch_1250A-ES_Data_Sheet.pdf?v=1787911910
Terminal Size	Bolt terminals
Max Output Amps	50
User Manual Url	https://cdn.shopify.com/s/files/1/0251/0484/2798/files/Epoch_1250A-ES_User_Manual_Final.pdf?v=1787911910

Nominal Voltage	12.8
Peak Output Amps	170A @ 3 seconds
Max Charge Rate Amps	50
Safety Data Sheet Url	https://cdn.shopify.com/s/files/1/0251/0484/2798/files/SAFETY_SHEET-1.pdf?v=1768158420
Shipping Restriction	supplier_direct_epoch
Charge Temperature Range	0°C to 55°C / 32°F to 131°F
Discharge Temperature Range	-20°C to 60°C / -4°F to 140°F
Shipping Restriction Reason	Epoch ships these verified batteries directly to US customers. Shopify must confirm the delivery rate by ZIP; eligible Epoch orders over \$150 ship free.

K&G Mowers + Tractors · Paris, TX · (430) 900-1151
Every machine is dealer-inspected and prepped before it leaves our lot.