

EPOCH 12V 314AH ECO SERIES

Machine Information

Condition	New
Brand	Epoch
Category	Batteries

The Epoch 12V 314Ah Eco Series LiFePO4 battery offers 4.02kWh of deep-cycle storage for RV solar, off-grid cabins, DIY power systems, and larger 12V battery banks. Its 57 lb Group 31 case combines high capacity with a 250A smart BMS and 250A continuous output; the source also lists a 750A peak discharge capability. IP54-rated construction suits appropriately protected installations, and the battery is rated for 4,500+ cycles with a six-year warranty. This value-focused model does not include Bluetooth, internal heating, or Victron communication. Charging is specified from 32°F to 131°F, so cold-weather installations need to respect those limits rather than rely on built-in heating.

Configuration

SKU	12314-ECO
Heated	no
Victron	no
Bci Group	31
Ip Rating	IP54
Warranty	6 yr
Width_in	7.6
Bluetooth	no
Chemistry	LiFePO4 / lithium iron phosphate
Cycle Life	4,500+
Energy Kwh	4.02
Height_in	10
Length_in	13.8
Capacity Ah	314
Weight_lbs	57
Model Number	12V 314Ah Eco Series
Data Sheet Url	https://cdn.shopify.com/s/files/1/0251/0484/2798/files/Epoch_12314-ECO_Data_Sheet-1.pdf?v=1787911907
Terminal Size	M8
Max Output Amps	250

User Manual Url	https://cdn.shopify.com/s/files/1/0251/0484/2798/files/Epoch_12314-ECO_User_Manual_Final.pdf?v=1787911907
Nominal Voltage	12.8
Peak Output Amps	750A @ 5 seconds
Max Charge Rate Amps	250
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.

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 Every machine is dealer-inspected and prepped before it leaves our lot.