

EPOCH 12V 334AH MC ESSENTIAL SERIES

Machine Information

Condition	New
Brand	Epoch
Category	Batteries

The Epoch 12V 334Ah MC Essential Series LiFePO4 battery is designed for van, camper, and RV energy systems that need 4.28kWh of storage and high output in a compact installation. Unlike the 200A Essential variant, this 75 lb model supplies 300A continuous discharge and includes Victron communication alongside Bluetooth app monitoring. Internal heating supports charging down to -4°F under the specified conditions, while 2A active balancing helps manage the pack. The maximum charge rate is 150A. Its IP21 enclosure calls for an appropriately protected installation rather than the exposure suited to waterproof models. Rated for 4,500+ cycles and backed by an 11-year warranty, it is intended for deep-cycle use.

Configuration

Sku	12334A-MC
Heated	yes
Victron	yes
Ip Rating	IP21
Warranty	11 yr
Width_in	8.1
Bluetooth	yes
Chemistry	LiFePO4 / Lithium iron phosphate
Cycle Life	4,500+
Energy Kwh	4.28
Height_in	11
Length_in	15.4
Capacity Ah	334
Weight_lbs	75
Model Number	12V 334Ah MC Essential Series
Data Sheet Url	https://cdn.shopify.com/s/files/1/0251/0484/2798/files/epoch_12334A-MC_quick_spec_sheet_parallel16.pdf?v=1787911907
Terminal Size	M10 female
Max Output Amps	300
User Manual Url	https://cdn.shopify.com/s/files/1/0251/0484/2798/files/Epoch_12V_334Ah_User_Manual-Rev7_compressed.pdf?v=1787912787

Nominal Voltage	12.8
Peak Output Amps	600A (10 Seconds)
Max Charge Rate Amps	150
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	-20°C to 55°C / -4°F to 131°F, with heating
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.