

24V 230Ah

V2 ELITE LiFePO4 BATTERY

MODEL C24230A · 5.89 kWh · VICTRON READY



Victron CAN Bluetooth Self-heating IP67 16P · 2S

25.6 v

NOMINAL VOLTAGE

230 Ah

CAPACITY

5,888 Wh

STORED ENERGY

110 A

CONTINUOUS OUTPUT

3,500+

CYCLES

11 yr

WARRANTY

5.89 kWh IN ONE CASE
230 Ah at 25.6 V: one BMS, fewer interconnects and cleaner routing than a bank of small batteries.

IP67 ENCLOSURE
Dust-tight; protected against temporary immersion to 1 m for 30 minutes.

NATIVE VICTRON CAN
Reports status and charge limits to compatible GX devices; DVCC hands charge control to the battery.

BLUETOOTH MONITORING
State of charge, cell voltages, temperatures and alerts in the Epoch Li-Ion app.

110 A CONTINUOUS
About 2,816 W DC at 25.6 V before inverter losses, for 24 V inverters and house loads.

SCALABLE BANKS
Up to 16 in parallel (3,680 Ah) or 2 in series (51.2 V).

SELF-HEATING
Warms the cells before charging; charging is supported from -30 °C (-22 °F) ambient.

SMART BMS AND FUSE
Voltage, current, short-circuit and temperature protection; UL 60691 internal fuse; UL 1973 pack.

ELECTRICAL

Nominal voltage	25.6 V (3.2 V per cell)
Nominal capacity	230 Ah
Stored energy	5,888 Wh (5.89 kWh)
Operating voltage	20.0–29.2 V
Cell configuration	8S1P (230 Ah cells)
Cycle life	3,500+ cycles
Self-discharge	≤ 3% per month

CURRENT

Max. continuous discharge	110 A
Peak discharge	300 A (short duration)
Max. continuous charge	110 A
Max. charge, short duration	200 A

CHARGING

Bulk / absorption	28.4 V
Absorption time	At least 15 min per battery in the bank
Float	27.0 V
Re-bulk	26.6 V
Equalization	Disabled
Temp. compensation	Disabled (0 mV/°C)
Victron GX	DVCC on; controlling BMS: Epoch

TEMPERATURE

Charge (cells)	0 to 55 °C (32 to 131 °F)
Charge with self-heating	-30 to 55 °C (-22 to 131 °F)
Discharge	-20 to 55 °C (-4 to 131 °F)
Storage ≤ 1 month	-20 to 45 °C (-4 to 113 °F)
Storage ≤ 1 year	0 to 35 °C (32 to 95 °F)

MECHANICAL

Dimensions (L × W × H)	20.86 × 8.65 × 12.06 in (529.8 × 219.8 × 306.3 mm)
Weight	97 lb (approx. 44 kg)
Terminals	M8 · 8–12 N·m (71–106 lbf·in)
Case	ABS + PC, UL94 V-0
Enclosure	IP67

COMMUNICATION AND BMS

Bluetooth	Via included gauge · Epoch Li-Ion app
CAN bus	500 kbit/s · Victron GX
Series / parallel	Up to 2 in series · 16 in parallel
BMS	Over/under-voltage, over-current, short-circuit, temperature
Internal fuse	270 A, UL 60691

COMPLIANCE

Pack / cells	UL 1973 / UL 1642, UL 9540A, IEC 62619:2022
Other	CE, RoHS · UN 3480, Class 9

Deep-cycle battery. Designed for house-power and energy storage, not engine starting. Maximum continuous charge and discharge current: 110 A. Use lithium-compatible charging equipment programmed to the settings above; size cables, fuses and busbars for the full system current. Ratings at 25 °C unless noted.

CONTACT

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SUPPORT

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