

12V 460Ah

ELITE SERIES V2-T

LiFePO4 BATTERY

MODEL

C12460A-A

Heated Bluetooth Lithium | Victron DVCC | Class T Fuse

12.8V NOMINAL

460Ah CAPACITY

5.89kWh ENERGY

500A PEAK

IP67 RATED

VOLTAGE CLASS

12V

PARALLEL EXPANSION

Max 16

WARRANTY

11 Year



PRODUCT HIGHLIGHTS



11 YEAR

WARRANTY



4000+

CYCLES



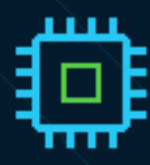
BLUETOOTH

APP



VICTRON

READY



ADVANCED

BMS



CLASS T

FUSE



SELF

HEATING



IP67

PROTECTION

Quick Specifications

High-priority specifications and LiFePO4 product features, reorganized for fast scanning.

ELECTRICAL & SYSTEM	
Model	C12460A-A
Series	Elite Series V2-T
Battery Type	Heated Bluetooth deep cycle
Chemistry	LiFePO4
Cell Config.	4S2P
Voltage Class	12V
Nominal Voltage	12.8V
Capacity	460Ah
Energy Stored	5.89kWh
Operating Range	10.4V - 14.52V
Max Charge V	14.52V
Communications	Bluetooth + CAN-bus
Victron Ready	DVCC compatible
Warranty	11 Year Manufacturer

DISCHARGE & TEMPERATURE	
Max Cont. Disch.	230A @ 25C
Peak Output	500A 30s / 1300A 1s
Class T Fuse	400A user-serviceable
Max Charge Rate	210A @ 25C
Series Connect.	Max 4 in Series
Parallel Connect.	Max 16 in Parallel
Discharge Temp	-20C to 50C / -4F to 122F
Storage Temp	-20C to 45C <= month
Annual Storage	0C to 35C / 32F to 95F
Low-temp Charge	Heated charge support

MECHANICAL & CONNECTIONS	
Dimensions	20.86 x 8.65 x 12.06 in
Metric Size	529.8 x 219.8 x 306.3 mm
Weight	97.55 lb / 44.25 kg
Terminal Type	M8 bolts
Terminal Torque	12 N.m / 8.85 lb-ft
Case Material	PC+ABS, UL94 V-0
Enclosure	IP67 dust / waterproof
Comms Rate	CAN-bus 500 kbit/s

CHARGER NOTE

Use lithium-compatible charging equipment. Verify charger, inverter-charger, alternator, DC-to-DC, and solar settings before installation.

BMS PROTECTIONS	
Smart BMS	Built-in management
Overcharge	Protected
Over-discharge	Protected
Over-current	Protected
Short Circuit	Class T fuse protected
High Temp	Disconnect protection
Low Temp	Disconnect protection
Low-temp Charge	Heating + protection
Bluetooth	iOS / Android apps
Gauge / Switch	External controls included

COMPLIANCE	
IP Rating	IP67
Pack Cert.	UL1973
Cell Cert.	UL1642, UL9540A cells
Additional Cell Cert.	IEC 62619:2022
Internal Fuse	UL60691 certified
Compliance	CE, RoHS
Warranty	11 Year Manufacturer

LIFEPO4 FEATURES & SUPPORT	
Cycle / Service Life	4000+ cycles; maintenance-free
Victron Ready	DVCC / GX communications
App Visibility	Bluetooth live status
Cold Charging	Self-heating support
External Control	Power button + gauge included
Parallel Expansion	Up to 16 batteries
Series Expansion	Up to 4 batteries
Outdoor Ready	IP67 dust / waterproof
Class T Fuse	Integrated protection
Support	US based technical support

INSTALL NOTE

Designed for house-power and energy-storage systems. Do not use as an engine-starting battery.