



DATA SHEET



C24230A

Voltage: 25.6V | Capacity: 230 Ah | Energy: 5888 Wh | Group: 8D

Features: IP67, Bluetooth, Self-Heating



ELECTRICAL SPECIFICATIONS

Nominal Voltage:	25.6V
Nominal Capacity:	230 Ah
Cell Configuration:	8S1P
Max Charge Voltage:	29.2V
Operating Voltage Range:	20.0 - 29.2V
Self Discharge:	<3% per Month
Series Connections:	Max (2) in Series
Parallel Connections:	Max (16) in Parallel, Plug & Play
Low-Temperature Charge Protection:	Yes
Bluetooth:	Yes
Software Updates:	Yes (Over-the-air)
Self-Heating:	Yes

DISCHARGE SPECIFICATIONS

Max Continuous Discharge:	230A
Max Discharge 30 Sec:	500A
Discharge Temp Range:	-20°C (-4°F) / 55°C (131°F)

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-20°C (-4°F) / 55°C (131°F)
Charge Temperature*	-30°C (-22°F) / 55°C (131°F)
Recommended Storage Temperature	0°C (32°F) / 35°C (95°F)

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	20.75 x 8.5 x 12"
Weight	97 lbs
Case Material	ABS & PC blend (UL94-VO flame rating)
Enclosure Protection	IP67
Cell Type - Chemistry	Prismatic - LiFePO4

CHARGE SPECIFICATIONS

Victron Setup (Automatic BMS Control):	Turn DVCC ON, set controlling BMS to Epoch
Max Continuous Charge:	230A
Max Charge 5 Sec:	400A
Bulk/Absorption:	28.4V
Absorption End Condition:	15 min max
Float Voltage:	27.0V
Re-bulk:	26.6V
Temperature Compensation:	0mV/°C (none)
Equalization:	Disabled
Battery Charge Temperature Range:	-30°C (-22°F) / 55°C (131°F) (*with self-heating)
BMS High Voltage Cutoff:	29.2V
SoC Recalibration:	29.2V Manual / Custom algorithm when operating under Victron Comms

COMPLIANCE SPECIFICATIONS

Certifications	UL 1642 (Cells) UL 9540A (Cells) UL 1973 (Pack) UL 60691 (Fuse) IEC 62619:2022 CE, RoHS
Shipping Classification	UN 3480, CLASS 9

DIMENSIONAL SPECIFICATIONS



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