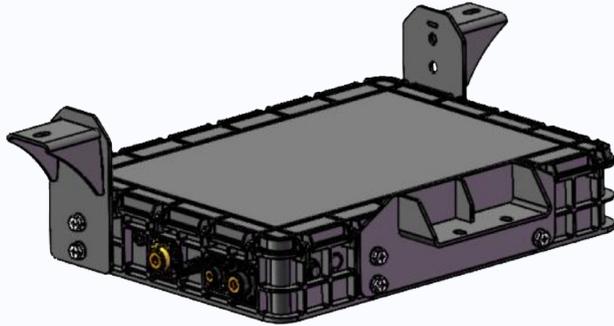


DATA SHEET

50.4 V 60 Ah



CHARGE SPECIFICATIONS

Charge Voltage	58.8 V \pm 0.2 V
Charge Mode	CC-CV
Recommended Charge Current	\leq 60 A
Maximum Charge Current	200 A

DISCHARGE SPECIFICATIONS

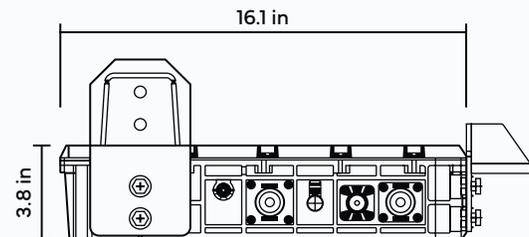
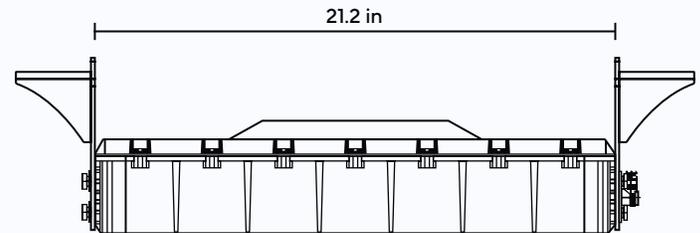
Maximum Continuous Discharge Current	200 A
Discharge Cutoff Voltage	35 V

BATTERY RECYCLE



NOTE: Do not mix with sealed lead-acid batteries when recycling. Refer to the Grand Teton user manual for proper operation.

BATTERY DIMENSIONS



GENERAL SPECIFICATIONS

Model	GT48V60-E1
Chemistry	NCM
Nominal Voltage	50.4 V
Nominal Capacity	60 Ah
Nominal Energy	3024 Wh
Cycle Life	1000 cycles @ 80% DOD

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	21.2 in x 16.1 in x 3.8 in
Weight	48.5 lb
Casing Material	PA66 + 30gf% (UL94-V0)
Terminal Type	M10

TEMPERATURE SPECIFICATIONS

Charge Temperature	0 °C to 45 °C
Discharge Temperature	-20 °C to 60 °C
Storage Temperature	0 °C to 40 °C (Capacity 80%)
Recommended Long-Term Storage Temperature	15 °C to 25 °C

OTHER SPECIFICATIONS

CAN & RS485 Communication	Yes
Built in BMS Protections	Over charge Over discharge Over current Short circuit Temperature protection

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Performance may vary depending on application. All specifications and operating conditions are subject to change without notice. This data is provided for evaluation purposes only and does not imply any warranty or guarantee. Grand Teton Energy Systems all rights reserved.

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