

DATA SHEET

51 V 12 A - Li-ion Battery Charger



*AI generated Image for illustrative purposes. Not an exact representation of the final product.

GENERAL SPECIFICATIONS

Model	GTC51V12A
AC Input Voltage	50/60 Hz 100-240 Vac
AC Input Current	≤ 9.0 A (Full Load)
Output Voltage	$58.8\text{ V} \pm 0.3\text{ V}$
Output Current	$12.0\text{ A} \pm 1\text{ A Max}$

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	9.06 in x 5.51 in x 1.85 in
Cord Options	AC: EU 3-pin, 1.5m DC: 1.2m headless wire

TEMPERATURE SPECIFICATIONS

Operating Temperature	0 °C to 40 °C
Storage Temperature	-20 °C to 60 °C
Operating Humidity	5% - 90% RH
Storage Humidity	5% - 90% RH
Caution	For Indoor Use Only LiFePO ₄ Batteries Only

COMPLIANCE SPECIFICATIONS

Certifications	CEC DOE CE UL FCC RoHS ASA TÜV PSE
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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.

Version 002 - Revised 01-05-2026

CHARGING STATE INDICATOR

Standby	Green flashing
Charging	Red solid
Fully Charged	Red to Green solid

CHARGER DISPOSAL



NOTE: Do not put Li-ion battery chargers in trash or curbside recycling. They can ignite when crushed or shorted in collection trucks or recycling facilities. Take to a proper collection point (Household Hazardous Waste (HHW) facility, e-waste event, or a retailer/manufacturer take-back program).

CHARGER DIMENSIONS

