

DATA SHEET

51 V 18 A - Smart Charger



GENERAL SPECIFICATIONS

| | |
|----------------------------|--|
| Model | K2C51V18A |
| Input Voltage | 90 - 246 V |
| Input Current | 12 A Max. @ 25 °C 115 Vac 08 A Max. @ 25 °C 230 Vac |
| Input Frequency | 47 Hz - 63 Hz |
| Constant Voltage Output | 58.4 V ± 0.2 V |
| Output Current Limit Range | 17.1 A - 18.9 A |
| Max. Output Voltage | 58.2 V - 58.6 V |
| Output Power | 1250 W |

MECHANICAL SPECIFICATIONS

| | |
|------------------------|-------------------------|
| Dimensions (L x W x H) | 9 in x 5.35 in x 4.5 in |
|------------------------|-------------------------|

TEMPERATURE SPECIFICATIONS

| | |
|-----------------------|------------------|
| Operating Temperature | -25 °C to 45 °C |
| Storage Temperature | -25 °C to 85 °C |
| Operating Humidity | 20% RH to 85% RH |
| Storage Humidity | 5% RH to 95% RH |

OTHER SPECIFICATIONS

| | |
|-----------------------|-----------------|
| Communication/Monitor | Optional |
| Accessories | Battery Charger |

 Manufactured and distributed by Grand Teton Energy Systems.

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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CHARGING STATE INDICATOR

| | |
|-------------------------|-------------------------------------|
| Red & Green Light Flash | Charging Waiting |
| Red Light Flash | Fast Charge |
| Green Flash | Constant Voltage & Current Limiting |
| Green Light | Charge Complete |

COMPLIANCE SPECIFICATIONS

| | |
|----------------|---|
| Certifications | CEC DOE CE UL FCC RoHS ASA TUV PSE |
|----------------|---|



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

