

Batt-Trak

Battery Monitoring System



PATENT PENDING

C&C POWER BATT-TRAK		System Name: C&C Power IP Address: 192.168.254.100	Alarm Status: ●
Menu	System Status	Alarm Status	
System Status	Battery State: Float	Global Alarms	
String Details	String Voltage: 540.0 volts	● High String Voltage Alarm	
Event Log	String Float Current: 0.0 amps	● Low String Voltage Alarm	
System Settings	String Discharge Current: 0.0 amps	● Float Current Alarm	
System Information	String Charge Current: 0.0 amps	● Discharge Current Alarm	
Change System Settings	Battery Cycles less than 1 minute: 5	● Charge Current Alarm	
Change System Information	Battery Cycles 1 to 5 minutes: 3	● On Battery Alarm	
Change Network Settings	Battery Cycles 5 to 15 minutes: 2	● Ambient Temperature Alarm	
Change Controller Settings	Battery Cycles greater than 15 minutes: 2	● System Log Capacity	
Change Password	Total Battery Cycles: 12	String Alarms	
Control Settings	Last Battery Cycle Date: 00:19:34	1 2 3 4	
Battery Data	Last Battery Cycle Time: 00:07:29	● String Float Current Alarm	
System Log	Initial Discharge Voltage Delta: 19.1°C	● Discharge Current % Alarm	
Factory Settings	Last Discharge Slope: 19.1°C	● Charge Current % Alarm	
	Ambient Temperature: 19.1°C	● Temperature Alarm	
	String 1 Temperature: 18.9°C	● External Alarm	
	String 2 Temperature: 19.0°C	● Network Alarm	
	String 3 Temperature: 19.0°C	● Normal ● Warning ● Critical ● Disabled	
	String 4 Temperature: 19.0°C		

- Thermal runaway warning
- Monitors up to eight strings
- String voltage monitor 12-600 VDC
- Five visual status indicators per string
- SNMP & Web based communication & control
- Downloadable system logs
- No software required
- Optional IFC/CA compliant

The C&C Power Batt-Trak is a low cost, easy to install and simple to operate, battery string monitoring system for up to eight strings of batteries.

The monitor can be used with any type of batteries and operates on strings from 12 to 600 volts and is housed in an enclosure that can be mounted on top or inside of a battery cabinet. The monitor is powered from a small wall transformer and optional backup batteries are available to power the unit in case of a power outage.

The Batt-Trak also includes a number of key features:

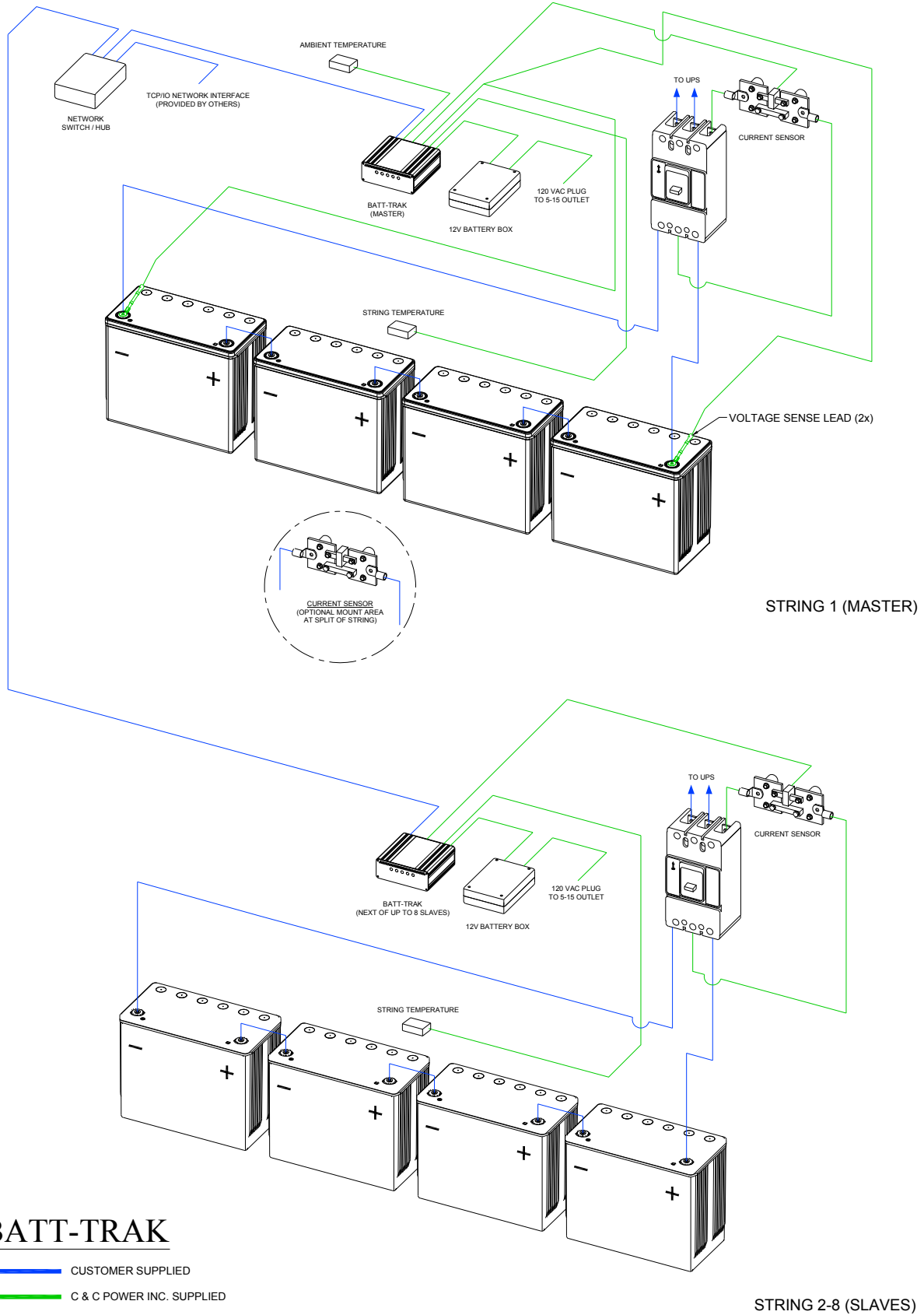
- String current monitor 150-2400 A/String
- Programmable absolute and relative alarm threshold settings
- Charge, discharge, and float current monitoring
- String or multi-string graphical display on web browser
- Room ambient and battery string temperature monitoring
- Battery cycle counts based on duration
- E-mail message sent on alarms
- Long term storage of key battery warranty parameters
- Web browser accessible
- Event log with time and date stamp
- External device alarm input
- Alarm relay contacts output
- Network interface with password and community string protection
- Listed to UL Standard 61010

Operating Parameters

Operating Power:	6 watts max	String Voltage Measurement Accuracy:	+/- 0.2%
Operating Temperature Range:	0 to 50°C	Current Measurement Accuracy:	+/- 0.2 Amps

Optional Battery Backup Runtime: ~1.5 hours

Wiring Diagram



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