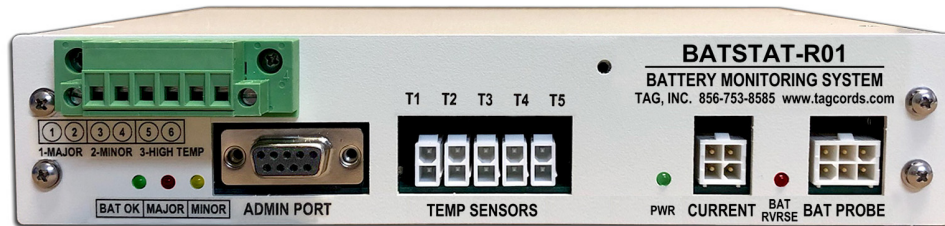


Battery Monitoring System

BATSTAT-R01



BATSTAT-R01
Battery Monitoring System

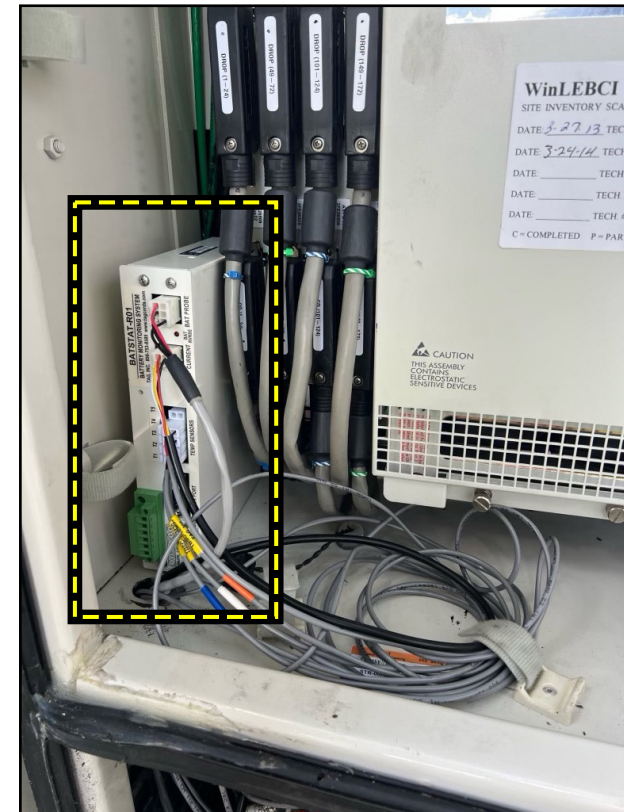
Benefits:

- Provides real time battery health status alarms
- Ideal for hard to access sites (Airports, Military Base)
- Saves expense of testing batteries that are still good
- Measures battery float voltage, current and resistance
- Monitors battery temperature

Reporting Mechanisms:

- Utilize existing alarm inputs to communicate to (NRC)

(OSP CABINET WITH (1) BATTERY STRING)



Ordering Information:

BATSTAT-R01

Battery Monitoring System

includes: (1) Battery Monitor Controller w/ Mounting Bracket,
(4) Heat Sensor Probes, (3) Sets of Alarm Contact Wires,
(1) TBSC-BATZ - Battery String Probe & (1) TBSA-CUR10 - Current Probe

AT&T PID #
ATT.200010430

150 Cooper Rd. (F-15)
W. Berlin, NJ 08091

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Telecom Assistance Group

Telephone: (856) 753-8585
Fax : (856) 768-7645

Battery Monitoring System

BATSTAT-R01

SYSTEM LAYOUT (TYPICAL):

(Cabinet with (1) Battery String)

Battery Monitoring System Contains -

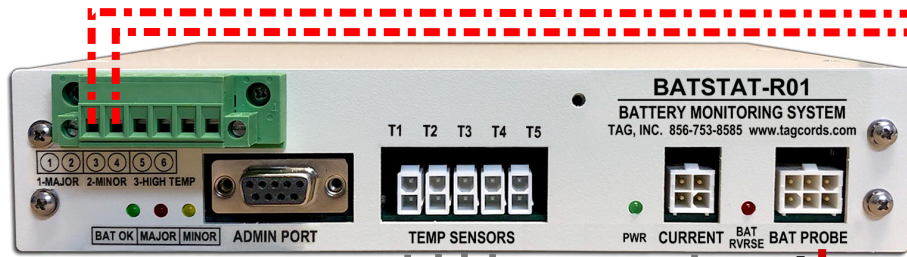
- (1) Battery String (Red/Black)
- (4) Heat Sensor Probes (Color Coded) - Plug in up to 5 heat sensor probes
- (1) Current Probe
- (3) Alarm Contact Outputs (Red Dashed) - Output contact assignment per the NRC



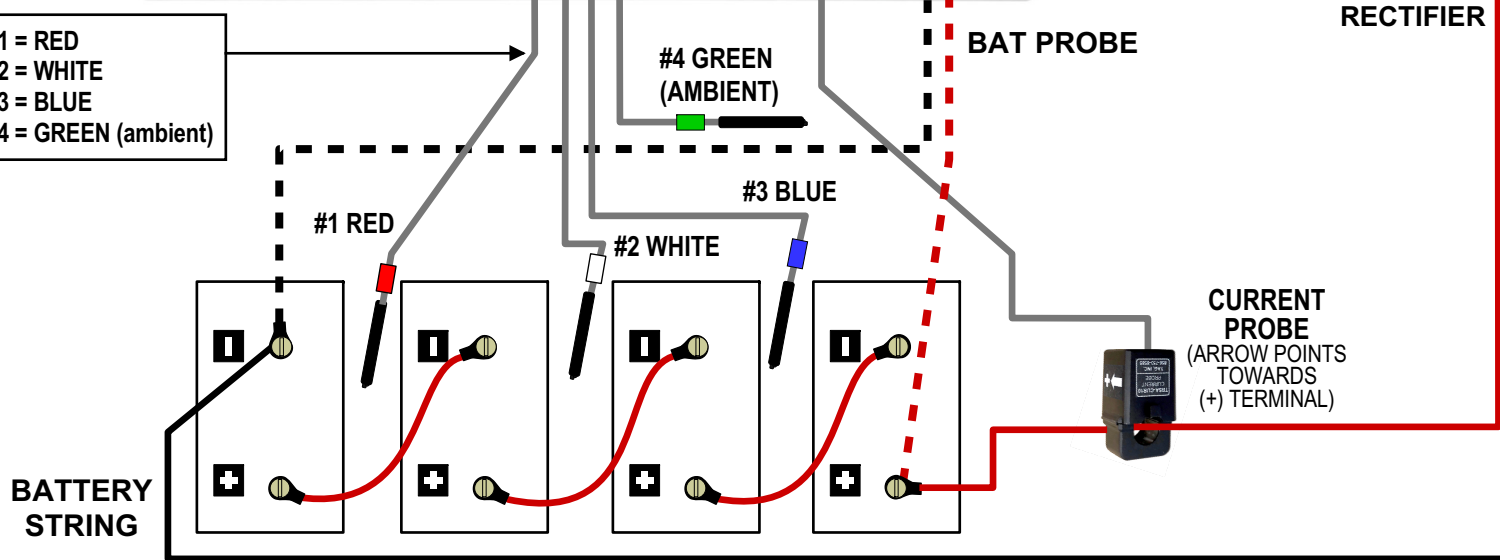
ALARM OUTPUT CONTACTS

RECTIFIER

BATTERY MONITOR CONTROLLER



Temp 1 = RED
 Temp 2 = WHITE
 Temp 3 = BLUE
 Temp 4 = GREEN (ambient)



CURRENT PROBE
 (ARROW POINTS TOWARDS (+) TERMINAL)

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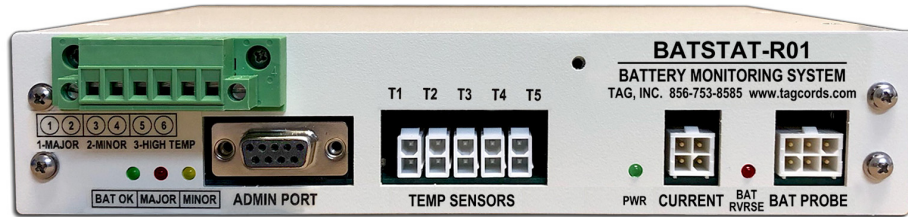
Battery Monitoring System

BATSTAT-R01

<u>TAG PART #</u> BATSTAT-R01 Battery Monitoring System	<u>AT&T PID #</u> ATT.200010430
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INCLUDES:

(1) Battery Monitor Controller (Includes Mounting Bracket)



(1) TBSC-BATZ,
Battery String Probe
Probe Cable w/ 1/4" Round Lugs, (10')



(4) Heat Sensor Probes
Heat Sensor Probe to 2 Pin Plug, (6')



(3) Sets of Alarm Contact Wires, (10')



(1) TBSA-CUR10,
Current Probe



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Battery Monitoring System

BATSTAT-R01

SPECIFICATIONS:

Part #
BATSTAT-R01

Description
Battery Monitoring System (1 Battery String)

Physical
Dimensions: 1.75" High, 8" Wide, 6.25" Deep
Mounting: Variety of Mounting Kits Available
Weight: 3 pounds

I/O Ports	QTY	Type
Admin	1	DB9
Alarm	3	3 Dry Contacts on Terminal Block
Temp Sensor Probe	5	Temp Probe Cables
Current Probe	1	Clamp on Current Sensor
BAT Probe	1	BAT Probe Cable - w/ 1/4" Ring Lugs, (10')

Environment
Operating Temperature: -20°C to +65°C
Storage Temperature: -40°C to +85°C
Humidity: 5% to 90% relative humidity, non-condensing

Alarm
Alarm Outputs (Major, Minor, High Temp)
- Close on alarm
- Contact Rating 1 AMP DC Resistive at 48 VDC
- Plugable Terminal Block

Power
Nominal Voltage: -48 VDC
Maximum Voltage: -65 VDC
Minimum Voltage: -42 VDC
Maximum Current: 0.10 Amps @ -48V
Power: 5w max

Alarming Conditions
Temp of battery more than 10°C above ambient in battery compartment
Temp difference between batteries greater than 8°C
Battery voltage out of bounds - high / low
Battery in discharge
Battery overcharging, battery voltage or battery current too high
Battery resistance increases by 60%

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