

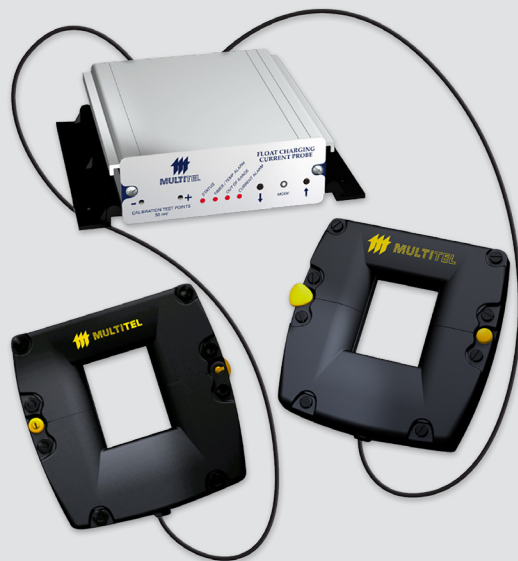


FCCP

SIMPLE AND EFFICIENT VRLA AND UPS BATTERY THERMAL RUNAWAY DETECTOR.

Multitel's FCCP is a stand-alone battery monitoring system that measures the float charging current required to maintain a full state of charge. Battery maintenance crews can monitor VRLA battery aging and detect early signs of thermal runaway long before damage begins. Managers can count on more efficient site maintenance, increased power backup reliability, and less profit-gouging downtimes. What's more: the FCCP installs easily, without opening battery strings. The FCCP can be integrated permanently into any critical location: cabinets, CEVs, WICS, Huts, and PCS sites. You can even connect the FCCP to a local alarm system for transmission to your OSS.

The FCCP detects potential battery degradation before getting into a thermal runaway condition.



The FCCP's stand-alone battery monitoring capabilities allow you to get on top of your batteries' state of health (SOH).



BENEFITS



SMART
ALARMING



SECURITY
AND
PROTECTION



ENHANCED
CREW
EFFICIENCY



SIMPLE
AND
EFFICIENT



EASY TO
INSTALL

WHY CHOOSE MULTITEL?

Multitel has over three decades of expertise and a long-standing, proven track record in providing robust, accurate and versatile solutions for North American telecom operators and utilities that need real-time visibility of their critical sites.

Our company is synonymous with unmatched customer service, market responsiveness, on-time delivery and a proximity with clients that is second to none. Throughout each project, we work *with* our clients to identify their unique needs and challenges, and offer pragmatic solutions attuned to *their* realities and goals. **Easy to do business with, Multitel delivers, time and again.**

With Multitel, customer satisfaction comes standard.

SPECIFICATIONS

Measuring Range	0 to 5.3 A
Compatible Range	2000 A
Uncertainty ¹	± 0.5 %
Analog Output Resolution ¹	16 bit (1mA)
Analog Output Signal	
0-50mV	104.4ohms, Not isolated
4-20mA	Passive Current Loop 12 or 24VDC recommended
Response Time	Max. 30 minutes
Alarm Contacts	2x FORM C ALM1 and ALM2
Alarm Condition Buffer	High 6 hours, Low 30 minutes

GENERAL SPECIFICATIONS

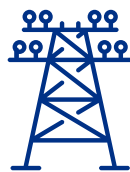
Input Voltage	18 to 60Vdc
Consumption ²	7.2W Maximum / 3.3 typical for 2 sensors
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Operating Temperature³	
Sea Level to 2600 m (8530 ft)	-40°C to 65°C (-40°F to 149°F)
2600 m to 4300 m (8530 ft to 14108 ft)	-40°C to 63°C (-40°F to 145°F)
Relative Humidity	5% to 95% non-condensing
Control Unit	
Depth	12.4 cm (4.88 in)
Width	11.7 cm (4.61 in)
Height	3.8 cm (1.50 in)
Weight	365 g (.8 lb)
Sensor	
Outside	11.3 cm x 11.9 cm (4.45 in x 4.68 in)
Inside ⁴ (Hole Dimension)	3.7 cm x 4.67 cm (1.46 in x 1.84 in)
Weight	500 g (1.1 lb)
Cable Length	Max 3 m (10 ft) - Optional 15m/50ft

- 1 Full scale.
- 2 Consumption of a unit with two probes at maximum load; variable input, from 18 V to 60 V.
- 3 Operating temperature calculated on a unit with two probes at maximum load (5A).
- 4 Fits up to two 4/0 flex-conductors, one 535 MCM conductor or an applicable bus bar configuration.

KEY MARKET SECTORS



TELECOMMUNICATIONS



POWER UTILITIES



RAILWAYS



CATV/BROADBAND

Multitel

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