



TELECOMMUNICATION



POWER UTILITY



WATER & WASTEWATER

FCCP

Float Charging Current Probe



- Proactive Maintenance
- Non-Intrusive Installation and Monitoring
- Cost-Effective: Maintenance and Safety Improvements

Cost-Effective Safety Improvements

With the FCCP Float Charging Current Probe, telecom maintenance crews can monitor VRLA battery aging and detect early signs of thermal runaway long before damage begins. Telecom managers can count on more efficient site maintenance, increased power backup reliability and less downtime. What's more, the FCCP installs easily, without opening battery strings. And, it can be integrated permanently into any critical location: cabinets, remote sites, customer premises, COs and more.

Multitel offers long-term value to you and your end-users. Founded in 1980, Multitel is a leading provider of site management solutions for the telecommunications industry. Our customers count on us for: robust equipment that optimizes telecom operations, unsurpassed customer care including 98% on-time delivery, and an expertise-rich knowledge base powered by dedicated specialists.

5 Cost-Saving Reasons to Use the FCCP Maintenance

Enhanced crew efficiency

Streamline maintenance routines, cut site visits, and optimize crew workload.

Increased site security

Catch early signs of battery rupture due to thermal runaway and other battery problems.

Reduced installation time

The FCCP can be rack-mounted or flat-mounted. Non-intrusive, step-by-step procedures guarantee, effortless installation.

Increased backup power reliability

With continuous battery performance monitoring, count on backup power when you need it most.

Smarter decision-making

Engineering and forecasting groups can use data logs for trending and analysis. The result: more accurate budgeting and replacement decisions.

Stand-alone: cabinets, CEVs, WICs, huts, PCS sites

Connect the FCCP to a local alarm system for transmission to your OSS. Use the control unit's temperature compensation threshold to avoid undesirable alarms.

Telecom site integration: COs, customer premises, wireless base stations

Integrate the FCCP into a Multitel site management system and you've got a powerful data-logging tool. Analog inputs gather powerful statistics that management software can retrieve for analysis.





Specifications

Measuring Range (A)	0 to 5
Compatible Range (A)	2000
Uncertainty (%) ¹	± 0.5
Analog Output Resolution (mA)	5
Response Time (min)	Max 30
Alarm Condition Buffer	High 6 hours, Low 30 minutes

General Specifications

Input Voltage (V)	18 to 60
Consumption (W) ²	2.7 to 3.3
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Operating Temperature ³	
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)

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.

Multitel reserves the right to change characteristics without notice.

Ordering Information

M-56XX-X

Number of Probes

01 = One probe
02 = Two probes

Battery Type

Leave blank for VRLA batteries
S = NiCd

Standard Accessories

Instruction Manual

Optional Accessories

M-5610 = Additional probe

K-EAR1419 = 19" Rack-mount brackets

K-EAR1423 = 23" Rack-mount brackets



For over 25 years, Multitel has worked hand in hand with customers and partners in the Telecommunication, Power Utility and Water and Wastewater industries to offer efficient remote monitoring solutions.

Multitel

2905, DE CELLES, QUEBEC CITY (QUEBEC) CANADA G2C 1W7
TEL.: (418) 847-2255 FAX: (418) 847-1966 WEBSITE: www.multitel.com
E-MAIL: info@multitel.com
CALL US TOLL FREE AT: 1-888-685-8483 (Canada & USA)



IC CS-03



ICES-003, Class B