

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.

6 cost-saving reasons to use the FCCP

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. Prevent major site damage.

Reduced installation time

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

Increased backup power reliability

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

Smarter decision-making

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

Protected investment

The proactive alarm helps prevent budget-breaking fallout from battery rupture and corrosive spills.

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

Connect the FCCP to a local alarm system for transmission to your OSS. And use the control unit's temperature probe for information on environmental conditions.

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 outputs gather statistics, and management software can retrieve and plot data for analysis.

Specifications

Measurement range (A)	0 to 5
Maximum current (A)	2000
Uncertainty (%) ¹	± 0.5
Analog output resolution (mA)	5
Response time (min)	Max 30
Alarm condition buffer (h)	6

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 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
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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)

Probe:

Outside	11.3 cm x 11.9 cm (4.45 in x 4.68 in)
Inside ⁴	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)

¹Full scale

²Consumption of a unit with two probes at maximum load; variable input, from 18 V to 60 V.

³Operating temperature calculated on a unit with two probes at maximum load (5A)

⁴Fits 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



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Multitel has been delivering site management solutions to telecommunications service providers for over 20 years. Our products enable engineers and technicians to proactively maintain remote site quality, prevent downtime and revenue loss, as well as increase long-term customer satisfaction and loyalty.