

Transient current measurement

SMARTDAC+ GM Data Acquisition & Control



What is SMARTDAC+ GM ?

The Data Acquisition System GM is a highly versatile and expandable data logger that uses Yokogawa's unique block structure that allows you to easily combine the modules you need. Since all modules can be attached and detached independently after installation, maintenance is also excellent.

Application for Batteries

SMARTDAC+ GM is ideal for applications that measure the voltage of each cell, such as fuel cells, secondary batteries, and electrolyzers.

Measures the transient current during charging and discharging of an automotive battery.

Contributes to battery quality assurance and data management in the charge/discharge process.

Capabilities

Flexible response to changes in the number of channels

Easy access from a web browser

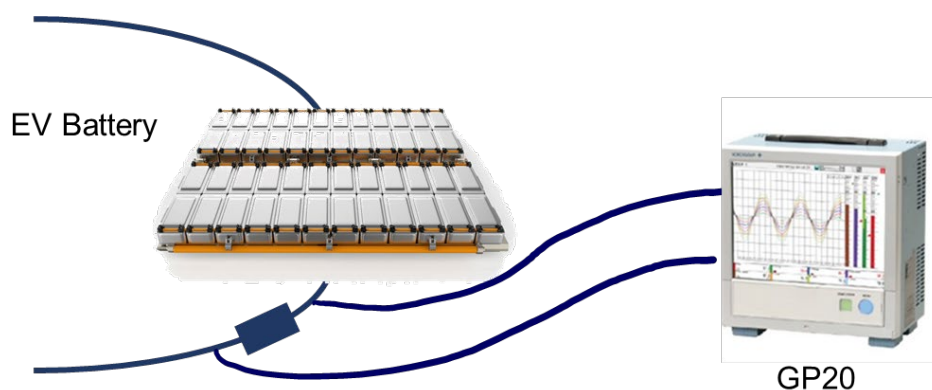
Compatible with open networks

High performance and high reliability design

Environmental resistance and noise resistance

Charge and Discharge Testing of Automotive Batteries

The transient current of charging or discharging automotive batteries is measured.



Key Points

Detailed data collection

Detailed data of transient current characteristics during charging or discharging can be collected through 1-ms measurements.

Data collection of internal pressure, temperature, and the like can also be performed simultaneously with current.

Paperless recorder GX/GP

With the touch panel, reliability meets user empowerment in an expanding range of applications.



Modules and functions are interchangeable with the GM.

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