



for a greener tomorrow

MITSUBISHI Measuring Instrument For Power Monitoring!



Features

1. High performance

- Various measurement items
- Accuracy of active energy is class 0.5S(IEC62053-22)
- Equipped with MODBUS®RTU communication as standard.

2. Expandability

- Optional Plug-in Modules add the useful function
 - MODBUS®TCP/CC-Link
 - Data backup on SD card
 - Output(Analog/Pulse/Alarm)
 - Contact input/output

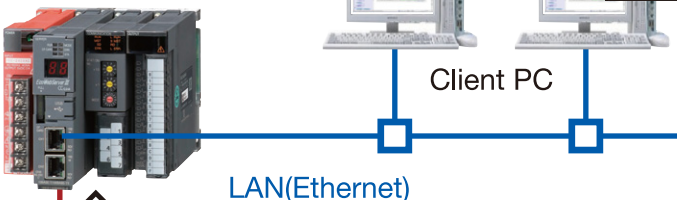
3. Clear display

- Display pattern can be customized
- Large bar graph shows values and alarm indicator

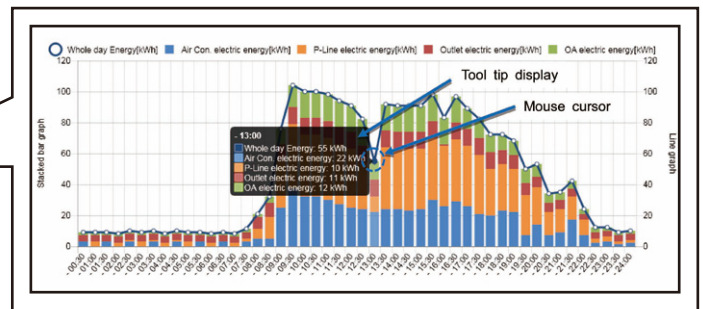
Energy Monitoring Solution with EcoWebServer III

EcoWebServer III system provides helpful function for Energy Monitoring!

Energy-saving Data Collecting Server



Transfer the measurement data

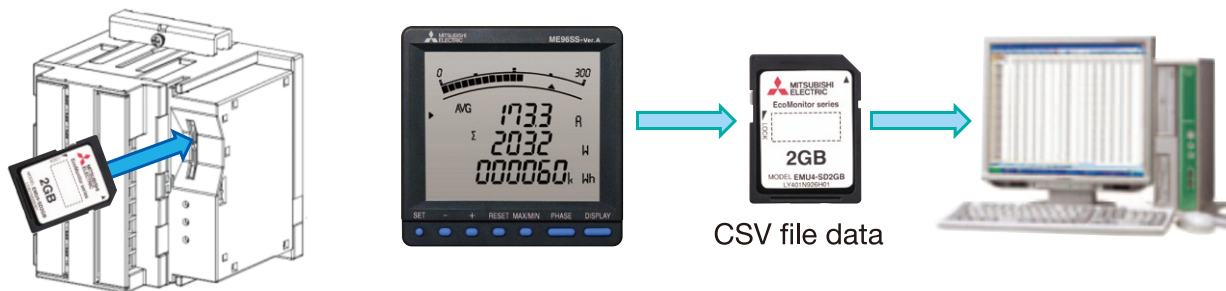


<ADVANTAGE>

- Measurement data can be displayed with graphs on the web browser without any special license or additional programming or dedicated monitoring PC.
- By connecting with company's intranet, all employees can confirm the energy data in real-time.
- Test signals can be output from ME96 by applying the auxiliary power without input of voltage or current. Possible to check the wiring for communication with host system easily.

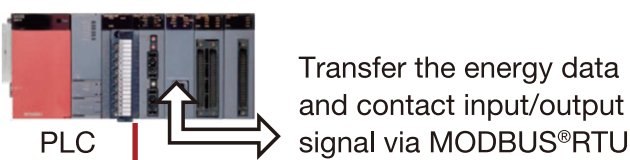
Easy Data Management Solution with Data Logging Unit

Using data logging unit (ME-0000BU-SS96) and SD card, output various energy data by CSV file. It can retain the data even when communication cannot be established.



Support function for Status Monitoring of Breakers

ME96SS with Digital input and output unit[※](ME-0052-SS96) enables remote monitoring and on/off control!



Another DI/DO terminal is not necessary.
⇒Space & Cost Saving

※Digital Input: Up to 5points, Digital Output: Up to 2points

【Control(contact output)】

- ON signal
- OFF signal

【Alarm/Status(contact input)】

- AL
- PAL
- TAL(only ACB)
- on/off status



Specification/Lineup

【Phase wire】 3P4W / 3P3W(3CT · 2CT) / 1P3W / 1P2W

【Rated current】 5AAC / 1AAC

【Rated voltage】 3P4W: 277/480VAC(max) / 3P3W Delta connections: 220VAC(max),
3P3W Star connections: 440VAC(max) / 1P3W: 220/440VAC(max) /
1P2W Delta connections: 220VAC(max), Star connections: 440VAC(max)

【Communication】 MODBUS®RTU(Native) / MODBUS®TCP(Optional) / CC-Link(Optional)

Model	Main measurement items and accuracy
ME96SSHA-MB (High-performance model)	A · DA · V · Hz=±0.1%, W · var · VA · PF=±0.2% Wh=class0.5S(IEC62053-22), varh=class1S(IEC62053-24), Harmonics=31st-deg(max), Rolling demand=W · var · VA
ME96SSRA-MB (Standard model)	A · DA · V=±0.2%, Hz=±0.1%, W · var · VA · PF=±0.5%, Wh=class0.5S(IEC62053-22), varh=class1S(IEC62053-24), Harmonics=19th-deg(max), Rolling demand=W · var · VA
ME96SSEA-MB (Economy model)	A · DA · V=±0.5%, Hz=±0.2%, W · PF=±0.5%, Wh=class0.5S(IEC62053-22), Harmonics=Only total

■Trademark

• MODBUS® is a registered trademark of Schneider Electric SA.
• Other company names and product names used herein are the trademarks of respective companies.

Safety Tips:

Be sure to read the instruction manual fully before using this product.

MITSUBISHI ELECTRIC CORPORATION

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