

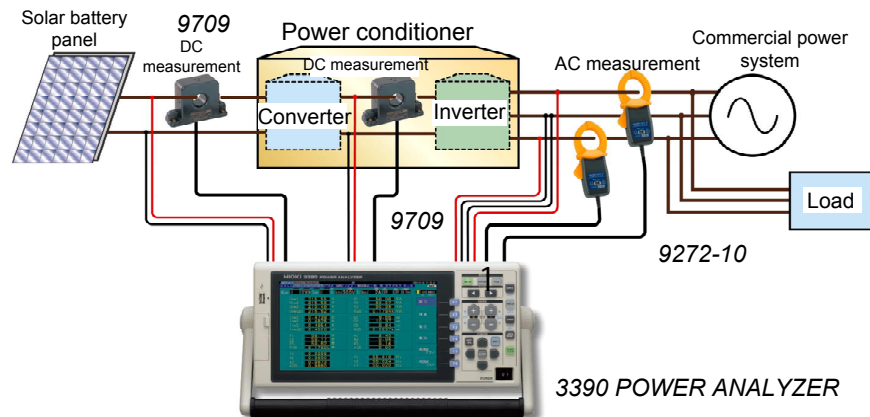
Evaluation of Input and Output Characteristics of Power Conditioners

One power analyzer can perform completely synchronized measurement of input and output characteristics of power conditioners.

■ Highlights

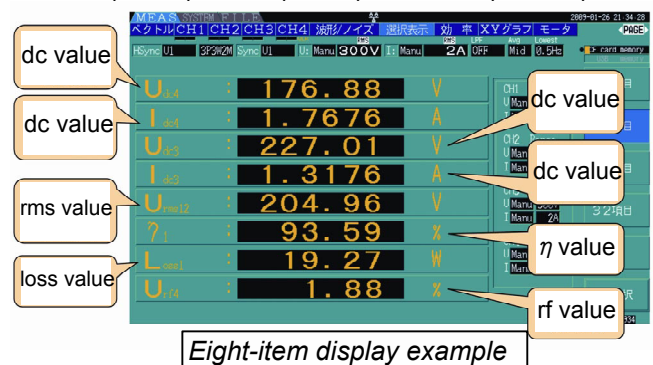
- The 3390 Power Analyzer can simultaneously display up to 32 items, including DC/AC voltage/current, voltage ripple factor, power, amount of power energy, power factor, voltage/current distortion factors, frequency, amount of power energy sold and purchased, voltage imbalance rate, and efficiency.
- Also display voltage/current waveforms.

■ Connection example



■ How to use

- Select the appropriate current sensor according to the type and level of electrical current.
 - AC/DC Clamp-on current sensor : 9277(20A), 9278(200A), 9279(500A)
 - AC/DC Feed-through current sensor : CT6862(50A), CT6863(200A), 9709(500A), CT6865(1000A)
 - AC Clamp-on current sensor : 9272-10(20/200A)
- Set the integration mode according to the AC and DC.
 - This setting automatically changes the display of the ripple factor and total harmonic distortion factor.
 - DC mode : Ripple factor (input and internal measurement channel)
 - RMS mode: Total harmonic distortion factor (output measurement channel)
- Configure the settings for efficiency measurement and loss measurement of the power conditioner.
 - Pin** : Power on the input measurement channel
 - Pout**: Power on the output measurement channel



Products used

Power meter : POWER ANALYZER 3390

Current sensor : CLAMP ON SENSOR 9272-10 (200A AC)

UNIVERSAL CLAMP ON CT 9277 (20A AC/DC)

UNIVERSAL CLAMP ON CT 9278 (200A AC/DC)

UNIVERSAL CLAMP ON CT 9279 (500A AC/DC)

AC/DC CURRENT SENSOR CT6862 (50A AC/DC)

AC/DC CURRENT SENSOR CT6863 (200A AC/DC)

AC/DC CURRENT SENSOR 9709 (500A AC/DC)

AC/DC CURRENT SENSOR CT6865 (1000A AC/DC)