

# POWER RECORDER

## Model MPR-600S

### FEATURES

- Low cost and high performance
- Can measure voltage, current, active power, apparent power, power factor, frequency, power integral(KWh) and integrated time.
- Data conformable to computer (time serial chart & load curve graph)
- Unique non-contact type voltage sensor (option)

### FULLY EQUIPPED



Main Instrument



Current Sensor  
CT-40(600A max)



AC Adaptor



Voltage Input Sensor



RS-232C Cable



Software



Hard Carrying Case

### OPTION



Model PS-60  
Non-contact Type  
Voltage Sensor



Model CT-80  
Big Window  
Current Sensor  
80  $\phi$  mm  
1000A max

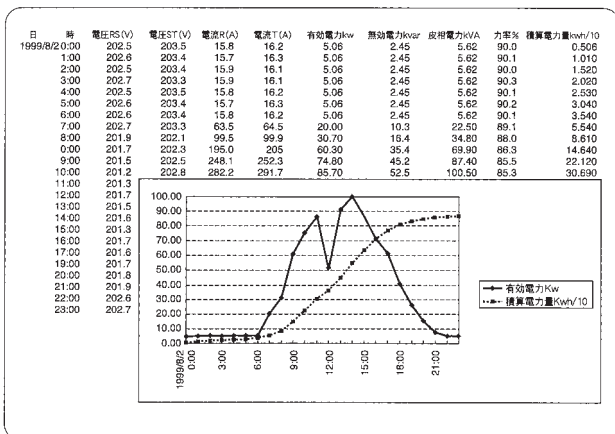
# POWER RECORDER

## Model MPR-600S

### SPECIFICATIONS

- Measurement Line : Single-phase/two-wires, Single-phase/three-wires, Three-phase/three-wires
- Measurement Items : Voltage, Current, Active Power, Apparent Power, Power Factor, Frequency, Power integral(KWh).
- Measuring Method : Voltage : Standard Clip Sensor for direct source or Optional Sensor PS-60 (non-touch source).  
Current : CT Clamp sensor  
Standard/CT-40  $\phi$  40mm max. 600A  
Option/CT-80P  $\phi$  80mm max.1000A
- Measurement Range : Voltage : 0 ~ 500V  
Current : 10/50/100/600A  
Active Power : depends on combination of V & A range  
Power Factor : 0 ~ 100%  
Frequency : 45 ~ 65Hz
- Basic Accuracy : Voltage :  $\pm 0.5\%$  rdg  $\pm 0.3\%$  FS  
Current :  $\pm 0.5$  rdg  $\pm 0.3\%$  FS + Clamp accuracy  
Active Power :  $\pm 0.5\%$  rdg  $\pm 0.5\%$  FS + Clamp accuracy  
Power Factor :  $\pm 0.2\%$  rdg + Clamp accuracy to T.Rms
- Measurement Interval : 1/5/10/15/30/60 minutes
- Memory Factor : Measuring Time, Conditions and Average Voltage/Current/Active Power/Power integral/Power Factor of measuring interval.
- Memory Capacity : approx. 210 days with 30min. interval.
- Memory output : RS-232C (standard accessories including cord & software).
- Other Functions : Measurement Start/End setting, Clock display, Battery Power Warning display, PT/CT ratio setting
- Power Supply : AC100V with adaptor (for domestic).  
Internal Ni-hydride battery.
- Measurement Temp. & Hum. : 0°C ~ 50°C / under 80% RH (without condensing).
- Storage Temp. & Hum. : -10°C ~ 60°C / under 80% RH (without condensing).
- Dimensions & Weight : 190(W)  $\times$  140(H)  $\times$  42(D)mm, approx. 800gs
- Standard Accessories : Voltage Clip Sensor (Red, Black, White) /1 set  
Clamp-on CT  $\phi$  40mm /2 pcs.  
RS-232C Cable /1 pce.  
Software/ 1 set. (Japanese version only for the time being)  
AC adaptor/ 1 pce.  
Instruction Manual/ 1 pce. Hard Carrying Case/ 1 pce.
- Optional Accessories : PS-60 Voltage Sensor  
CT-80P Current Sensor

EXAMPLE DATA DISPLAY ON THE COMPUTER



DIMENSION OF MAIN INSTRUMENT

