

# MODEL KEW6300-01/-03



## Everything required for power consumption and energy-saving analysis.

- 12 kinds of power measurements, including: voltage (rms), current (rms), active power, apparent power, reactive power, active energy, apparent energy, reactive energy, power factor ( $\cos \phi$ ), frequency, demand measurement, and current flow on the neutral
- Measures 4 types of wiring systems: 1 phase-2 wire; 1 phase-3 wire, 3 phase-3 wire, and 3 phase-4 wire
- Regenerative electric power can be measured
- Electric power and power factor for each phase can be confirmed
- Demand function for energy-saving measurements
- Displays 3 different data simultaneously on a large LCD screen
- Recording interval can be set between 1 second and 1 hour

- Internal non-volatile memory for non-stop recording up to 10 days
- Accepts removable compact flash memory up to 128MB for non-stop recording up to 5 years
- Direct communication with PC by USB connection
- Dual power supply: AC line or battery operation
- Kit includes: power meter, 3 Model KEW8125 clamp sensors (for KEW6300-01) or 3 Model KEW8124 clamp sensors (for KEW6300-03), a set of test leads (black, green, blue, red), a USB cable and PC software, a mains power cord and 6 batteries, a 32MB Compact Flash card, and a manual in a carrying case

### MODEL KEW6300-01/KEW6300-03

AC Voltage Ranges: 150.0V, 300.0V, 600.0V

AC Current Ranges: 500.0A (KEW6300-01), 1000A (KEW6300-03)

Frequency Range: 40 to 70Hz

Crest Factor: Voltage: up to 2.5; Current: up to 3.0

Active Power Accuracy:  $\pm 0.5\%$  rdg.  $\pm 0.2\%$  f.s.

Effect of Power Factor: Active Power:  $\pm 1.0\%$  rdg  $\cos \phi = \pm 0.5$

Effective Input Range: 10 to 110% of of rating range of V and A

Interval Times: 1, 2, 5, 10, 15, 20, 30 seconds, 1, 2, 5, 10, 15, 20, 30, 60 minutes

Power Supply: DC: 6 x LR6 batteries; AC: 100-240VAC (50/60Hz)

Dimensions: 175 x 120 x 65mm

Weight: 800g, including batteries

### MODEL KEW8125/KEW8124

AC Current Ranges: 0 to 500A (8125)/0 to 1000A (8124)

Output Voltage: 0 to 500mV (1mV/A)

Accuracy:  $\pm 0.5\%$  rdg.  $\pm 0.1\text{mV}\Omega$ (50/60Hz)

Frequency Response: 40Hz to 1kHz

Conductor Size:  $\phi 40\text{mm}$  max.

Dimensions/Weight: 128 x 81 x 36mm/260g (KEW8125)  
186 x 129 x 53mm/510g (KEW8124)

**KEW6300-01**  
**KEW6300-03**

**Power Meter Kit, 500A**  
**Power Meter Kit, 1000A**