



## POWER QUALITY ANALYZER KEW 6315

Simultaneous recording	<b>A Power&amp;PowerQuality</b>	measurements in one survey.
The perfect tool for E	<b>ergySaving and PowerQuality</b>	Juality control.
A       739 9       740 3       746 3       736 6       7         P       11 5       11 9       11 5       10 9       7	<complex-block></complex-block>	200.6 v -0.0 200.4 v -120.0 200.4 v -120.0 457.2 A 139.9 457.2 A 139.9 457.2 A 139.0 450.2 A -110.0 50.00Hz 450.2 A -110.0 50.00Hz 5

### Simultaneous Power & Power quality measurements

*Power/ Harmonics/ Waveform/ Power quality are recorded at all CHs. (Voltage: 3ch, Current 4ch)* 

### Helpful support functions

**Quick Start Guide, Wiring check and Sensor detection** for easy and reliable measurement

# Measurement with high accuracy ±0.3%rdg (energy), Guaranteed accuracy: ±0.2%rdg (voltage/ current) Complies with the International Standard

IEC61000-4-30 Class S and the European Standard EN50160

**Remote monitoring on PC and Android device** Remote checking of measurement in real-time is possible via Bluetooth communication. Recorded data can be saved in the supplied SD card. EN50160 report can be generated after survey by PC software.

### Various Clamp Current Sensors

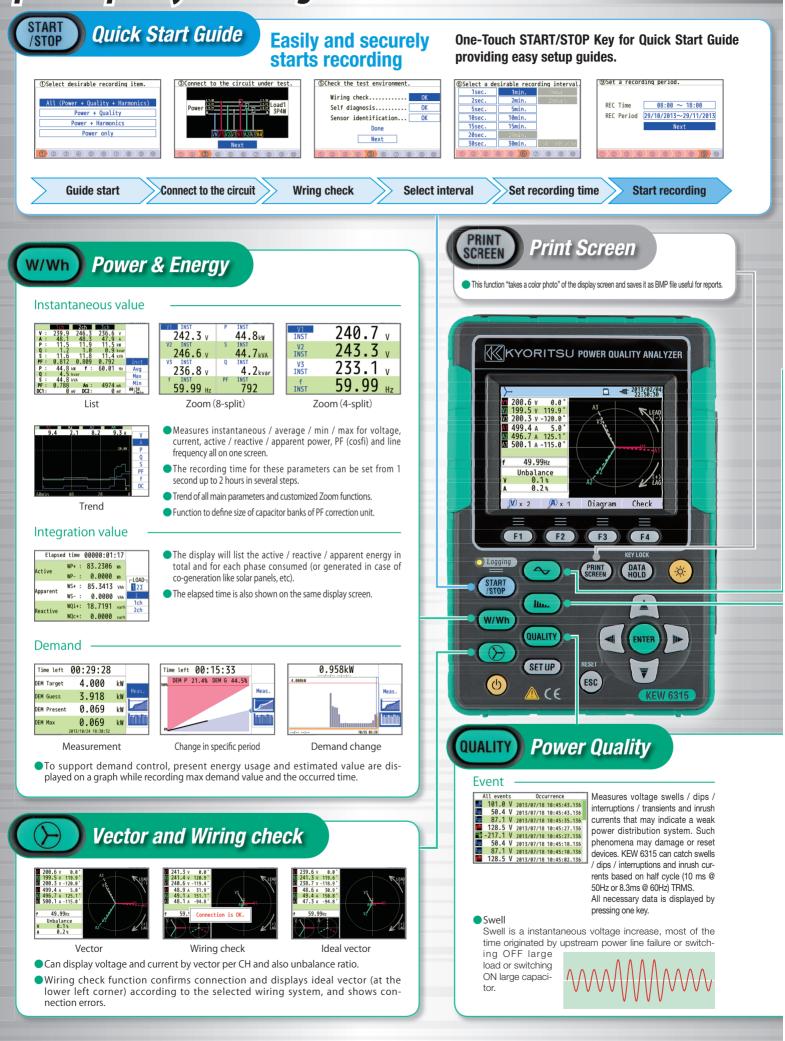
Various types of clamp and flexible sensors are available: from 1000mA Range up to 3000A Range and Earth leakage measurements

**Energy consumption check on site** Trend and demand graphs for easy recognition. **TFT color display** with high resolution.

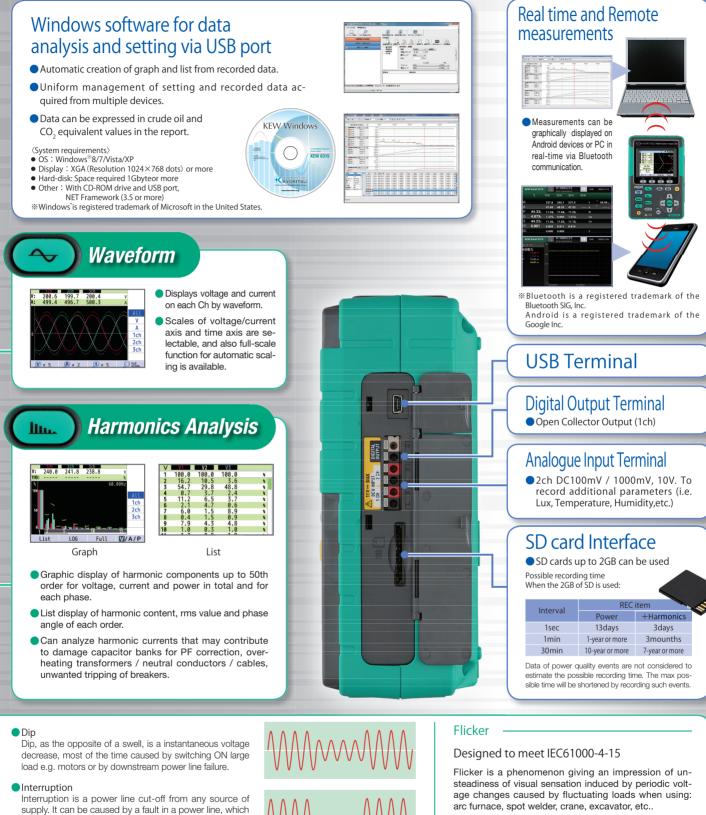
IEC61010-1 CAT IV 300V, CAT III 600V, CAT II 1000V

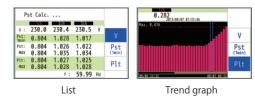
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# Easy-to-use setting to simultaneous power energy and power quality recordings



## POWER QUALITY ANALYZER KEW 6.





Displays Pst (1min) on a trend graph.

causes switch gear to open.

### Transients/Over Voltage (Impulse)

Transient is a very fast and momentary voltage increase that can seriously damage devices connected to a power line. It may be caused by electrical switching events such as instable contacts of relays, tripping of breakers but also by lightening. KEW 6315 can catch Transients from 2.4 µs.

### Inrush Current

Inrush current is a surge current that happens when motors, large or low-impedance loads are switched ON. Then the current will stabilize as soon as the load has reached normal working conditions



### Optional



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PC co Displ Displ Temp Oper and I Stora

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### Specifications

Wiring connections 1F		1P2W, 1P3W, 3P3W, 3P4W		
Measurements and V		Voltage, Current, Frequency, Active power, Reactive power,		
pa	rameters	Apparent power, Active energy, Reactive energy,		
		Apparent energy, Power factor ( $\cos \theta$ ), Neutral current,		
		Demand, Harmonics, Quality (Swell/Dip/Interruption,		
		Transients/Over voltage, Inrush current, Unbalance rate),		
		Capacitance calculation for PF correction unit, Flicker		
Vc	ltage (RMS)	1		
	Range	00.0/1000V		
	Accuracy	±0.2%rdg±0.2%f.s.(sine wave, 40~70Hz)		
	Allowable input	1~120% of each range (rms). 200% of each range (peak)		
Display range         0.15~130% of each range           Crest factor         3 or less		1		
		3 or less		
	Sampling speed of Voltage transient	2.4 µ s		
Cu	Current (RMS)			
	Range	8128 (	(50A type)	: 5/50A/AUTO
		8127 (	(100A type)	: 10/100A/AUTO
		8126 (	(200A type)	: 20/200A/AUTO
			(500A type)	: 50/500A/AUTO
			(1000A type)	: 100/1000A/AUTO
			(10A type)	: 1/10A/AUTO
			(3000A type)	: 300/1000/3000A
	Accuracy	$\pm$ 0.2%rdg $\pm$ 0.2%f.s.+accuracy of clamp sensor (sine wave, 40 $\sim$ 70Hz)		
	Allowable input 1~110% of each range (rms). 200% of each range (peak)		range (peak)	
Display range 0.15~130% of each range				
	Crest factor 3 or less			
Ac	tive power			
±0.3%rdg±0.2%f.s. + accuracy of clamp sensor		nsor		
	Accuracy	(power factor 1, sine wave, 40~70Hz)		
	Influence of power factor ±1.0%rdg (reading at power factor 0.5 against power factor 1)			ast power factor 1)

uency meter range	40~70Hz		
er supply(AC Line)	AC100~240V/50~60Hz/7VA max		
er supply(DC battery)	Alkaline size AA battery LR6 or Ni-MH(HR15-51)×6 Battery life approx. 3 h (LR6, Backlight OFF)		
mal memory	FLASH memory (4MB)		
ard interface	SD card (2GB)		
ommunicationinterface	USB Ver2.0, Bluetooth Ver2.1+EDR Class2		
lay	320×240(RGB)Pixel, 3.5inch color TFT display		
lay update period	1 sec		
perature and humidity range	23±5°C, less than 85% RH (without condensation)		
rating temperature humidity range	$0\sim$ 45°C, leaa than 85% RH (without condensation)		
age temperature and idity range	-20 $\sim$ 60°C, less than 85% RH (without condensation)		
licable Standards	IEC61010-1 CATIV 300V, CATIII 600V, CATIII 1000V Pollution degree 2 IEC61010-2-030, IEC61010-031, IEC61326, EN50160 IEC61000-4-30 Class 5, IEC61000-4-17		
ension/Weight	175 (L) × 120 (W) × 68 (D) mm/approx 900g		
ided accessories	7141B (Voltage test lead), 7170 (Power cord), 7219 (USB cable), 8326-02 (SD card 2GB), 9125 (Carrying case for KEW6315) 9135 (Carrying case for KEW6315-03), Input terminal plate×6, KEW Windows for KEW6315 (software), Calibration Certificate Quick manual, Alkaline size AA battery (Ik6) × 6		
onal accessories	8124, 8125, 8126, 8127, 8128 (Load current clamp sensor), 8129, 8130 (Flexible clamp sensor), 8146, 8147, 8148 (Leakage and Load current clamp sensor), 8312 (Power supply adapter), 9132 (Magnetic carrying case)		



**Safety Warnings** : Please read the "Safety Warnings" in the instruction manual supplied with the instrument thoroughly and completely for correct use. Failure to follow the safety rules can cause fire, trouble, electrical shock, etc. Therefore, make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

For inquires or orders :

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