










■ CLAMP SENSOR Specifications



CLAMP ON SENSOR

		9694	9660	9661	9669	9695-02	9695-03
Appearance		 Cord length: 3 m (9.84ft)	 Cord length: 3 m (9.84ft)	 Cord length: 3 m (9.84ft)	 Cord length: 3 m (9.84ft)	 Insulated conductor Not CE marked	 Insulated conductor Not CE marked
Measurable conductor diameter		φ15 mm (0.59")	φ15 mm (0.59")	φ46 mm (0.81")	φ55 mm (2.17"), 80 (3.15")×20 (0.79") mm	φ15 mm (0.59")	φ15 mm (0.59")
Primary current rating		5 A AC	100 A AC	500 A AC	1000 A AC	50 A AC	100 A AC
Accuracy	Amplitude (45 to 66 Hz)	±0.3% rdg. ±0.02% f.s.	±0.3% rdg. ±0.02% f.s.	±0.3% rdg. ±0.01% f.s.	±1.0% rdg. ±0.01% f.s.	±0.3% rdg. ±0.02% f.s.	±0.3% rdg. ±0.02% f.s.
	Phase (45 Hz to 5 kHz)	Within ±2°	Within ±1°	Within ±0.5°	Within ±1°	Within ±2°	Within ±1°
Frequency characteristic 40Hz to 5kHz (deviation from accuracy)		Within ±1.0%			Within ±2.0%	Within ±1.0%	
Effect of external magnetic field (with a magnetic field of 400 A/ m AC)		Equivalent to 0.1 A or less			Equivalent to 1 A or less	Equivalent to 0.1 A or less	
Effect of conductor position		Within ±0.5%			Within ±1.5%	Within ±0.5%	
Maximum rated voltage to earth		CAT III 300 Vrms	CAT III 300 Vrms	CAT III 600 Vrms	CAT III 600 Vrms	CAT III 300 Vrms	
Maximum input (45 to 66Hz)		50 A continuous	130 A continuous	550 A continuous	1000 A continuous	60 A continuous	130 A continuous
Dimensions		46W (1.81")×135H (5.31") ×21D (0.83") mm	46W (1.81")×135H (5.31") ×21D (0.83") mm	77W (3.03")×151H (5.94") ×42D (1.65") mm	99.5W (3.92")×188H (7.40") ×42D (1.65") mm	50.5W (2.28")×58H (2.28") ×18.7D (0.74") mm	
Mass		230 g (8.1 oz)	230 g (8.1 oz)	380 g (13.4 oz)	590 g (20.8 oz)	50 g (1.8 oz)	

AC FLEXIBLE CURRENT SENSOR

		CT9667-01	CT9667-02	CT9667-03
Appearance				
		Cord length : Sensor - circuit: 2 m (6.56ft) Circuit - connector: 1 m (3.28ft)		
Measurable conductor diameter		φ100 mm (3.94")	φ180 mm (7.09")	φ254 mm (10.00")
Primary current rating		500 A AC / 5000 A AC		
Accuracy (45 to 66Hz)	Amplitude	±2.0% rdg. ±0.3% f.s.		
	Phase	Within ±1°		
Frequency characteristic 10Hz to 20kHz (deviation from accuracy)		Within ±3 dB		
Effect of external magnetic field (with a magnetic field of 400 A/ m AC)		1.5% / f.s. or less.		
Effect of conductor position		Within ±3.0%		
Maximum rated voltage to earth		CAT III 1000 Vrms, CAT IV 600 Vrms		
Maximum input (45 to 66Hz)		10000 A continuous		
Dimensions	Circuit box	35W (1.38")×120H (4.74")×34D (1.34") mm		
	Sensor cable diameter	φ7.4 mm (0.29")	φ13 mm (0.51")	
Mass		280 g (9.9 oz.)	470 g (16.6 oz.)	
Power supply		LR06 alkaline battery × 2 (continuous operation max. 7 days) or AC ADAPTER 9445-02/9445-03 (optional)		

CLAMP ON LEAK SENSOR (Leakage Current Measurement Only)

		9657-10	9675
Appearance		 Insulated conductor Cord length: 3 m (9.84ft)	 Insulated conductor Cord length: 3 m (9.84ft)
Measurable conductor diameter		φ40 mm (1.57")	φ30 mm (1.18")
Primary current rating		10 AAC*	10 AAC*
Accuracy	Amplitude (45 to 66 Hz)	±1.0% rdg. ±0.05% f.s.	±1.0% rdg. ±0.005% f.s.
	Phase angle (@50 or 60 Hz)	Within ±3°	Within ±5°
Frequency characteristic 40 Hz to 5 kHz (deviation from accuracy)		Within ±5%	Within ±5%
Effect of external magnetic field (with a magnetic field of 400 A/ m AC)		7.5 mA max.	7.5 mA max.
Effect of conductor position		Within ±0.1%	Within ±0.1%
Measurable conductor		Insulated conductor	Insulated conductor
Maximum input (45 to 66Hz)		30 A continuous	10 A continuous
Dimensions		74W (2.91")×145H (5.71") ×42D (1.65")	60W (2.36")×112.5H (4.43") ×23.6D (0.95")
Mass		380 g (13.4 oz)	160 g (5.6 oz)
Notes		Not used for power measurements	

\* Maximum AC measurement range with PW3360-20 is 5 A.

Available Recording Time

PW3360-20 and PW3360-21 with Z4001 2-GB SD card, measuring 3P3W2M wiring

Saved Items: ALL data (Saves all data: average, maximum, and minimum values)

Screen save: OFF    Waveform save: OFF

Interval time	Save Time		Interval time	Save Time	
	PW3360-20 PW3360-21 (Saving of harmonic data: OFF)	PW3360-21 (Saving of harmonic data: ON)		PW3360-20 PW3360-21 (Saving of harmonic data: OFF)	PW3360-21 (Saving of harmonic data: ON)
1 seconds	15.9 days	24.7 hours	30s	1 year	30.8 days
2 seconds	31.9 days	2.1 days	1 minutes	1 year	61.7 days
5 seconds	79.7 days	5.1 days	2 minutes	1 year	123 days
10 seconds	159 days	10.3 days	5 minutes	1 year	308 days
15 seconds	242 days	15.4 days	More than 10 minutes	1 year	1 year

The maximum recording time based on the settings can be confirmed right on the Settings screen.

In any case, the maximum file size for measurement data is about 200 MB. When this is exceeded, a new file is created and saving continues.

<NOTE>

Regardless of the settings, the maximum save time of the PW3360-20, PW3360-21 is one year.