

SAMPLE

検査成績表

<TEST REPORT>

HIOKI
HIOKI E. E. CORPORATION

1/4

品名<Model Name> (電源品質アナライザ<POWER QUALITY ANALYZER>)
 形名<Model Number> (3196)
 製造番号<Serial No.> (No. 020925651)
 検査年月日<Test Date> (2008-07-18)
 (<YYYY-MM-DD>)
 検査条件<Test Conditions> (24.1 °C, 73 %rh)

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	表示値 <Indicated value>
ch1精度<Accuracy>				
ACV	150V	0V (DC)	-0.15 V ~ 0.15 V	(0.00 V)
		15V (50Hz)	14.82 V ~ 15.18 V	(15.06 V)
		150V (50Hz)	149.55 V ~ 150.45 V	(149.99 V)
		150V (1.0kHz)	145.50 V ~ 154.50 V	(150.59 V)
		150V (2.5kHz)	135.00 V ~ 165.00 V	(147.95 V)
	300V	300V (50Hz)	299.10 V ~ 300.90 V	(299.93 V)
	600V	600V (50Hz)	598.20 V ~ 601.80 V	(600.01 V)
高調波電圧 <Harmonic voltage>	150V	15V (50Hz)	14.63 V ~ 15.37 V	(15.00 V)
		150V (50Hz)	148.95 V ~ 151.05 V	(150.01 V)
		150V (1.0kHz)	148.95 V ~ 151.05 V	(150.10 V)
		150V (2.5kHz)	148.05 V ~ 151.95 V	(149.73 V)
周波数 <Frequency>	150V	150V (50Hz)	49.990 Hz ~ 50.010 Hz	(50.000 Hz)
		150V (60Hz)	59.990 Hz ~ 60.010 Hz	(60.001 Hz)
*ACA	50A	50A (50Hz)	49.850 A ~ 50.150 A	(50.001 A)
	100A	100A (50Hz)	99.70 A ~ 100.30 A	(100.00 A)
	500A	0A (DC)	-0.50 A ~ 0.50 A	(0.00 A)
		50A (50Hz)	49.40 A ~ 50.60 A	(50.09 A)
		500A (50Hz)	498.50 A ~ 501.50 A	(500.04 A)
		500A (1.0kHz)	485.00 A ~ 515.00 A	(503.59 A)
		500A (2.5kHz)	450.00 A ~ 550.00 A	(501.03 A)
*高調波電流 *<Harmonic current>	500A	50A (50Hz)	48.75 A ~ 51.25 A	(49.95 A)
		500A (50Hz)	496.50 A ~ 503.50 A	(500.05 A)
		500A (1.0kHz)	496.50 A ~ 503.50 A	(500.09 A)
		500A (2.5kHz)	493.50 A ~ 506.50 A	(498.63 A)
*ACW	150V, 500A	0kW (DC)	-0.075 kW ~ 0.075 kW	(0.000 kW)
		75kW (50Hz)	74.775 kW ~ 75.225 kW	(75.002 kW)
*高調波電力 *<Harmonic power>	150V, 500A	75kW (50Hz)	74.475 kW ~ 75.525 kW	(75.011 kW)
*高調波位相差 *<Harmonic phase angle>	150V, 500A	150V,500A(50Hz) (COS ϕ =1)	-2.00 deg ~ 2.00 deg	(0.01 deg)
総合判定<Overall Result>	検査者<Inspected by>		承認者<Approved by>	
(PASS)	()		()	

No.3196-2

SAMPLE

検査成績表

<TEST REPORT>

HIOKI
HIOKI E.E. CORPORATION

2/4

製造番号<Serial No.>
検査年月日<Test Date>(No. 020925651)
(2008-07-18)
<YYYY-MM-DD>

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	表示値 <Indicated value>
ch2精度<Accuracy> ACV	150V	0V (DC) 15V (50Hz) 150V (50Hz) 150V (1.0kHz) 150V (2.5kHz)	-0.15 V ~ 0.15 V 14.82 V ~ 15.18 V 149.55 V ~ 150.45 V 145.50 V ~ 154.50 V 135.00 V ~ 165.00 V	(0.00 V) (15.04 V) (149.98 V) (150.46 V) (147.18 V)
	300V	300V (50Hz)	299.10 V ~ 300.90 V	(300.03 V)
	600V	600V (50Hz)	598.20 V ~ 601.80 V	(599.78 V)
高調波電圧 <Harmonic voltage>	150V	15V (50Hz) 150V (50Hz) 150V (1.0kHz) 150V (2.5kHz)	14.63 V ~ 15.37 V 148.95 V ~ 151.05 V 148.95 V ~ 151.05 V 148.05 V ~ 151.95 V	(15.00 V) (150.03 V) (150.10 V) (149.72 V)
*ACA	50A	50A (50Hz)	49.850 A ~ 50.150 A	(50.003 A)
	100A	100A (50Hz)	99.70 A ~ 100.30 A	(100.00 A)
	500A	0A (DC) 50A (50Hz) 500A (50Hz) 500A (1.0kHz) 500A (2.5kHz)	-0.50 A ~ 0.50 A 49.40 A ~ 50.60 A 498.50 A ~ 501.50 A 485.00 A ~ 515.00 A 450.00 A ~ 550.00 A	(0.00 A) (50.11 A) (500.02 A) (503.14 A) (499.37 A)
*高調波電流 *<Harmonic current>	500A	50A (50Hz) 500A (50Hz) 500A (1.0kHz) 500A (2.5kHz)	48.75 A ~ 51.25 A 496.50 A ~ 503.50 A 496.50 A ~ 503.50 A 493.50 A ~ 506.50 A	(49.95 A) (500.01 A) (500.02 A) (498.59 A)
*ACW	150V, 500A	0kW (DC) 75kW (50Hz)	-0.075 kW ~ 0.075 kW 74.775 kW ~ 75.225 kW	(0.000 kW) (74.992 kW)
*高調波電力 *<Harmonic power>	150V, 500A	75kW (50Hz)	74.475 kW ~ 75.525 kW	(75.012 kW)
*高調波位相差 *<Harmonic phase angle>	150V, 500A	150V,500A(50Hz) (COS ϕ =1)	-2.00 deg ~ 2.00 deg	(0.00 deg)

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<TEST REPORT>

HIOKI
HIOKI E.E. CORPORATION

3/4

製造番号<Serial No.> (No. 020925651)
 検査年月日<Test Date> (2008-07-18)
 <YYYY-MM-DD>

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	表示値 <Indicated value>
ch3精度<Accuracy> ACV	150V	0V (DC)	-0.15 V ~ 0.15 V	(0.00 V)
		15V (50Hz)	14.82 V ~ 15.18 V	(15.04 V)
		150V (50Hz)	149.55 V ~ 150.45 V	(150.00 V)
		150V (1.0kHz)	145.50 V ~ 154.50 V	(150.46 V)
		150V (2.5kHz)	135.00 V ~ 165.00 V	(146.88 V)
	300V	300V (50Hz)	299.10 V ~ 300.90 V	(300.00 V)
	600V	600V (50Hz)	598.20 V ~ 601.80 V	(599.99 V)
高調波電圧 <Harmonic voltage>	150V	15V (50Hz)	14.63 V ~ 15.37 V	(14.99 V)
		150V (50Hz)	148.95 V ~ 151.05 V	(149.96 V)
		150V (1.0kHz)	148.95 V ~ 151.05 V	(150.02 V)
		150V (2.5kHz)	148.05 V ~ 151.95 V	(149.52 V)
*ACA	50A	50A (50Hz)	49.850 A ~ 50.150 A	(50.002 A)
	100A	100A (50Hz)	99.70 A ~ 100.30 A	(100.00 A)
	500A	0A (DC)	-0.50 A ~ 0.50 A	(0.00 A)
		50A (50Hz)	49.40 A ~ 50.60 A	(50.20 A)
		500A (50Hz)	498.50 A ~ 501.50 A	(499.96 A)
		500A (1.0kHz)	485.00 A ~ 515.00 A	(503.93 A)
		500A (2.5kHz)	450.00 A ~ 550.00 A	(503.60 A)
*高調波電流 *<Harmonic current>	500A	50A (50Hz)	48.75 A ~ 51.25 A	(49.94 A)
		500A (50Hz)	496.50 A ~ 503.50 A	(499.95 A)
		500A (1.0kHz)	496.50 A ~ 503.50 A	(499.95 A)
		500A (2.5kHz)	493.50 A ~ 506.50 A	(498.50 A)
*ACW	150V, 500A	0kW (DC)	-0.075 kW ~ 0.075 kW	(0.000 kW)
		75kW (50Hz)	74.775 kW ~ 75.225 kW	(74.996 kW)
*高調波電力 *<Harmonic power>	150V, 500A	75kW (50Hz)	74.475 kW ~ 75.525 kW	(74.971 kW)
*高調波位相差 *<Harmonic phase angle>	150V, 500A	150V,500A(50Hz) (COS ϕ =1)	-2.00 deg ~ 2.00 deg	(0.01 deg)

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<TEST REPORT>

HIOKI
HIOKI E. E. CORPORATION

4/4

製造番号<Serial No.> (No. 020925651)
 検査年月日<Test Date> (2008-07-18)
 <YYYY-MM-DD>

項目 <Item>	レンジ <Range>	入力 <Input>	許容範囲 <Tolerance>	表示値 <Indicated value>
ch4精度<Accuracy>				
DCV	60V	60V (DC)	59.580 V ~ 60.420 V	(60.005 V)
ACV	60V	60V (50Hz)	59.820 V ~ 60.180 V	(59.997 V)
	150V	0V (DC)	-0.15 V ~ 0.15 V	(0.00 V)
		15V (50Hz)	14.82 V ~ 15.18 V	(15.05 V)
		150V (50Hz)	149.55 V ~ 150.45 V	(150.02 V)
		150V (1.0kHz)	145.50 V ~ 154.50 V	(150.47 V)
		150V (2.5kHz)	135.00 V ~ 165.00 V	(147.08 V)
	300V	300V (50Hz)	299.10 V ~ 300.90 V	(300.05 V)
	600V	600V (50Hz)	598.20 V ~ 601.80 V	(600.20 V)
高調波電圧 <Harmonic voltage>	150V	15V (50Hz)	14.63 V ~ 15.37 V	(15.00 V)
		150V (50Hz)	148.95 V ~ 151.05 V	(150.01 V)
		150V (1.0kHz)	148.95 V ~ 151.05 V	(150.06 V)
		150V (2.5kHz)	148.05 V ~ 151.95 V	(149.56 V)
*ACA	50A	50A (50Hz)	49.850 A ~ 50.150 A	(50.002 A)
	100A	100A (50Hz)	99.70 A ~ 100.30 A	(100.00 A)
	500A	0A (DC)	-0.50 A ~ 0.50 A	(0.00 A)
		50A (50Hz)	49.40 A ~ 50.60 A	(50.05 A)
		500A (50Hz)	498.50 A ~ 501.50 A	(500.00 A)
		500A (1.0kHz)	485.00 A ~ 515.00 A	(503.55 A)
		500A (2.5kHz)	450.00 A ~ 550.00 A	(500.89 A)
*高調波電流 *<Harmonic current>	500A	50A (50Hz)	48.75 A ~ 51.25 A	(49.95 A)
		500A (50Hz)	496.50 A ~ 503.50 A	(499.99 A)
		500A (1.0kHz)	496.50 A ~ 503.50 A	(500.02 A)
		500A (2.5kHz)	493.50 A ~ 506.50 A	(498.59 A)

備考<Note>

* 電流・電力検査における電流入力値は、9660,9661クランプオンセンサの入力に比例した電圧入力で行います。
 (9660: 100Aレンジ...0.1V, 9661: 500Aレンジ...0.5V)

* <On current / power inspection, current input value is indicated and executed
 by voltage in proportion to the input for Models 9660 and 9661 Clamp-on Sensor.>
 (9660: eg.0.1V for 100A range, 9661: eg.0.5V for 500A range)

FAIL判定箇所は、グレー表示としています。<FAIL decision points are highlighted in gray.>