SPECIFICATIONS				
		ASR-2050/ASR-20	50R	ASR-2100/ASR-2100R
HARMONIC VOLTAG	E Range	Up to 100th order of the fundame	ntal wave	Up to 100th order of the fundamental wave
EFFECTIVE VALUE (RI	MS) Full Scale	175 V / 350 V, 100%		175 V / 350 V, 100%
PERCENT (%)	Resolution	0.1 V, 0.1%		0.1 V, 0.1%
(AC-INT and 50/60 Hz on	lly) Accuracy ^{*8}	Up to 20th \pm (0.2 % of reading + 0).5 V / 1 V);	Up to 20th ± (0.2 % of reading + 0.5 V / 1 V);
		20th to 100th \pm (0.3 % of reading	+ 0.5 V / 1 V)	20th to 100th ± (0.3 % of reading + 0.5 V / 1 V)
HARMONIC CURREN	IT Range	Up to 100th order of the fundame	ntal wave	Up to 100th order of the fundamental wave
EFFECTIVE VALUE (RI	MS) Full Scale	5 A / 2.5 A, 100%		10 A / 5 A, 100%
PERCENT (%)	Resolution	0.01 A, 0.1%		0.01 A, 0.1%
(AC-INT and 50/60 Hz on		Up to 20th \pm (1 % of reading + 0.1	A / 0.05 A):	Up to $20th \pm (1 \% \text{ of reading} + 0.2 \text{ A} / 0.1 \text{ A});$
		20th to 100th ± (1.5 % of reading		20th to 100th ± (1.5 % of reading + 0.2 A / 0.1 A)
 *2. AC mode: For an outp *3. An output current in t *4. An output current in t and 23 °C ± 5 °C. The *5. For an output voltage *6. The apparent and read 	the range of 5 % to 100 % of the ma the range of 5 % to 100 % of the ma accuracy of the peak value is for a v of 50 V or greater, an output curren ctive powers are not displayed in th	to 350 V and 23 °C \pm 5 °C. DC mode: For a ximum current, and 23 °C \pm 5 °C. ximum peak current in AC mode, an outpu vaveform of DC or sine wave t in the range of 10 % to 100 % of the max	ut current in the range of 5 %	$^{\circ}$ to 100 % of the maximum instantaneous current in DC mode, tput frequency of 45 Hz to 65 Hz, and 23 $^{\circ}C$ \pm 5 $^{\circ}C.$
OTHERS				
PROTECTIONS		OCP, OTP, OPP, FAN Fail		
DISPLAY		TFT-LCD, 4.3 inch		
MEMORY FUNCTION	N	10 sets for Store and Recall setting	gs	
ARBITRARY WAVE N		16 (nonvolatile)		
	Vaveform Length	4096 words		
INTERFACE St	tandard USB	Type A: Host, Type B: Slave, Speed		
	LAN	MAC Address, DNS IP Address, U	ser Password, Gateway	IP Address, Instrument IP Address, Subnet Mask
5	EXT Control actory Optional GPIB	External Signal Input; External Cor		
Fa	actory Optional GPIB RS-232C	SCPI-1993, IEEE 488.2 compliant i Complies with the EIA-RS-232 spe		
INSULATION RESIST		500 Vdc, 30 MΩ or more	cilications	
	output and chassis, input and output	500 vac, 50 Mizz or more		
WITHSTAND VOLTAG		1500 Vac, 1 minute		
	output and chassis, input and output			
EMC		EN 61326-1 (Class A)		
		EN 61326-2-1/-2-2 (Class A)		
		EN 61000-3-2 (Class A, Group 1)		
		EN 61000-3-3 (Class A, Group 1)		
		EN 61000-4-2/-4-3/-4-4/-4-5/-4-6/-	4-8/-4-11 (Class A, Grou	up 1)
		EN 55011 (Class A, Group1)		
Safety		EN 61010-1		
	Operating Environment	Indoor use, Overvoltage Category	II	
0	Pperating Temperature Range	0 °C to 40 °C		
	torage Temperature Range	-10 °C to 70 °C		
	perating Humidity Range	20 %rh to 80 % RH (no condensa		
	torage Humidity Range	90 % RH or less (no condensation	1)	
	ltitude	Up to 2000 m		
DIMENSIONS & WEI	GHT	ASR-2000 : 285 (W)×124 (H)×480 (I		
		ASR-2000R : 213(W)×124(H)×480	.,	
			Spec	cifications subject to change without notice. ASR-2000GD2DH
ORDERING INFO	RMATION		OPTIONAL ACCES	
ASR-2050 500VA	A Programmable AC/DC Po	ower Source		IB Communication Functions (Factory installed)
	/A Programmable AC/DC F			Dutput Outlet only for ASR-2000 (Factory installed)
		er Source for 3U 1/2 Rack Mount		d Universal Power Socket (ASR-2000R only)
		er Source for 3U 1/2 Rack Mount	GET-004 Extended GRA-439-E Rack Mo	d European Power Socket(ASR-2000R only)
		ci source for so 1/2 Rack Mount	GRA-439-E Rack Mo	
ACCESSORIES				Cable, approx. 2M ASR-001 Air inlet filter
CD ROM (User Manua	l, Programming manual), Safet	y Guide, Power Cord,		and a second and the second and met met

CD ROM(User Manual, Programming manual), Safety Guide, Power Cord, Mains Terminal Cover Set, Remote Sense Terminal Cover Set, GTL-123 Test Lead GTL-246 USB Cable

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USB Driver

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Simply Reliable

COMPACT PROGRAMMABLE AC/DC POWER SOURCE



The ASR-2000 series, an AC+DC power source aiming for system integration or desktop applications, provides both rated power output for AC output and rated power output for DC output. Ten ASR-2000 output modes are available, including 1) AC power output mode (AC-INT Mode), 2) DC power output mode (DC-INT Mode), 3) AC/DC power output mode (AC+DC-INT Mode), 4) External AC signal source mode (AC-EXT Mode), 5) External AC/DC signal source mode (AC+DC-EXT Mode), 6) External AC signal superimposition mode (AC-ADD Mode), 7) External AC/DC signal superimposition mode (AC+DC-ADD Mode), 8) External AC signal synchronization mode (AC-SYNC Mode), 9) External AC/DC signal synchronization mode (AC+DC-SYNC Mode), 10) External DC voltage control of AC output mode(AC-VCA).

The ASR-2000 series provides users with waveform output capabilities to meet the test requirements of different electronic component development, automotive electrical devices and home appliance, including 1) Sequence mode generates waveform fallings, surges, sags, changes and other abnormal power line conditions; 2) Arbitrary waveform function allows users to store/upload user-defined waveforms; and 3) Simulate mode simulates power outage, voltage rise, voltage fall, and frequency variations. When the ASR-2000 series power source outputs, it can also measure Vrms, Vavg, Vpeak, Irms, lavg, Ipeak, IpkH, P, S, Q, PF, CF, 100th-order Voltage Harmonic and Current Harmonic. In addition, the Remote sense function ensures accurate voltage output. The Customized Phase Angle for Output On/Off function can set the starting angle and ending angle of the voltage output according to the test requirements. V-Limit, Ipeak-Limit, F-Limit, OVP, OCP, OPP function settings can protect the DUT during the measurement process. In addition to OTP, OCP, and OPP protection, the ASR-2000 series also incorporates the Fan fail alarm function and AC fail alarm function.

The front panel of the ASR-2050/2100 provides a universal socket or a European socket, which allows users to plug and use so as to save wiring time. The ASR-2050R/2100R is 3U height and 1/2 Rack width design, which is compatible with ATS assembly. The ASR-2000 series supports I/O interface and is equipped with USB, LAN, External I/O and optional RS-232C and GPIB.



ASR-2000 Series

FEATURES

- Output Rating: AC 0 ~ 350 Vrms, DC 0 ~ ± 500 V
- Output Frequency up to 999.9 Hz
- DC Output (100% of Rated Power)
- Output Capacity: 500VA/ 1000VA
- Measurement Items: Vrms, Vavg, Vpeak, Irms, IpkH, Iavg, Ipeak, P, S, Q, PF, CF
- Voltage and Current Harmonic Analysis (THDv, THDi)
- Customized Phase Angle for Output On/Off
- Remote Sensing Capability
- OVP, OCP, OPP, OTP, AC Fail Detection and Fan Fail Alarm
- Interface: USB,LAN(std.);RS-232+GPIB(opt)
- Built-in External Control I/O and **External Signal Input**
- Built-in Output Relay Control
- Memory Function (up to 10 sets)
- Sequence and Simulation Function (up to 10 sets)
- Support Arbitrary Waveform Function
- Built-in Web Server



Front Panel



Rear Panel

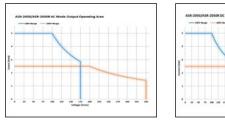
APPLICATIONS

- Electronic Products/Electronic Component Development Test
- Automotive Electrical Equipment Simulation Test

Household Appliance Application Test

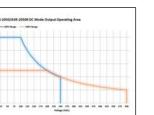


OPERATING AREA FOR ASR-2000 SERIES



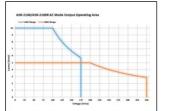
AC Output for

ASR-2050/ASR-2050R



DC Output for ASR-2050/ASR-2050R

The ASR-2000 series is an AC+DC power source that provides rated power output not only at the AC output, but also at the DC output. The operation areas are shown in diagrams.



AC Output for ASR-2100/ASR-2100R -----DC Output for

ASR-2100/ASR-2100R

Model Name	Power Rating	Max. Output Current	Max. Output Voltage
ASR-2050	500 VA	5 / 2.5 A	350 Vrms / 500 Vdc
ASR-2100	1000 VA	10 / 5 A	350 Vrms / 500 Vdc
ASR-2050R	500 VA	5 / 2.5 A	350 Vrms / 500 Vdc
ASR-2100R	1000 VA	10 / 5 A	350 Vrms / 500 Vdc

MEASUREMENT ITEMS FOR ASR-2000 SERIES







RMS Meas Display

ON ON O

31th 32th 33th 34th 35th 36th 37th 38th 39th 40th

AVG Meas Display

ON ON ON

24th 14t 25th 15t 26th 16t 27th 17t 28th 18t

4th 5th 6th 7th 8th

instantaneous calculation reading.

Peak Meas Display

30.2 0.0 18.0

4.31 Arms 0.00 Arms 1.44 Arms 0.00 Arms 0.86 Arms 0.61 Arms 0.61 Arms 0.47 Arms

Current Harmonic

parameters including Vrms/Irms, Vavg/Iavg and Vmax/Vmin/

Imax/Imin can be switched by users at any time to display the

N	ON 94.96	200V SQU	_		
larn	Harmonic	Voltage Measure	THDv =	42.2 %	Simple
1th	1st	179.9 Vrms		90.7 %	[Harm]
2th	2nd	0.0 Vrms		0.0%	
Bth	3rd	59.8 Vrm :		30.2%	[THDv]
4th	4th	0.0 Vrms		0.0%	THDI
5th	5th	35.8 Vrm t		18.0%	
6th	6th	0.0 Vrms		0.0%	
7th	7th	25.5 Vrms		12.9%	
Bth	8th	0.0 Vrms		0.0%	
9th	9th	19.8 Vrms		10.0%	Page
Dth	10th	0.0 Vrms		0.0%	Down

Voltage Harmonic

The ASR-2000 series provides users with measurement capabilities including Vrms, Vavg, Vpeak, Irms, Iavg, Ipeak, IpkH, P, S, Q, PF, CF, 100th-order Voltage Harmonic and Current Harmonic. During the power output, the measurement

SEQUENCE MODE AND APPLICATIONS

There are 10 sets of Sequence mode and each set has 0~999

steps. The time setting range of each step is 0.0001 ~ 999.9999

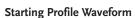
seconds. Users can combine multiple sets of steps to generate

OHINETEK	- Loose	decord and		2.2
			19 10	-
			B. 0 . 7 14	

Momentary Drop in Supply Voltage



Reset Behavior at Voltage Drop





Instantaneous Power Failure

the desired waveforms, including waveform fallings, surges, sags, changes and other abnormal power line conditions to meet the needs of the test application.

		ASR-2050/ASR-2050R	ASR-2100/ASR-2100R
INPUT RATING (AC)	-	1001/01/02/01/02	1001/ 1. 2401/
NORMINAL INPUT VOLTAGE	-	100 Vac to 240 Vac	100 Vac to 240 Vac
INPUT VOLTAGE RANGE		90 Vac to 264 Vac	90 Vac to 264 Vac
PHASE		Single phase, Two-wire	Single phase, Two-wire
INPUT FREQUENCY RANGE		47 Hz to 63 Hz	47 Hz to 63 Hz
MAX. POWER CONSUMPTIO		800 VA or less	1500 VA or less
POWER FACTOR ^{®1}	100Vac	0.95 (typ.)	0.95 (typ.)
	200Vac	0.90 (typ.)	0.90 (typ.)
MAX. INPUT CURRENT	100Vac	8 A	15 A
WI Ferrer automatical Carocara	200Vac	4 A	7.5 A
*1. For an output voltage of 100 V/ AC MODE OUTPUT RATINGS	()	, maximum current, and a load power factor of 1.	
VOLTAGE	Setting Range ^{*1}	0.0 V to 175.0 V / 0.0 V to 350.0 V	
	Setting Resolution	0.1 V	
	Accuracy ^{*2}	±(0.5 % of set + 0.6 V / 1.2 V) Single phase, Two-wire	
OUTPUT PHASE	100.1/		10.4
MAXIMUM CURRENT ³	100 V	5 A	10 A
	200 V	2.5 A	5 A
MAXIMUM PEAK CURRENT**		20 A	40 A
	200 V	10 A	20 A
POWER CAPACITY		500 VA	1000 VA
FREQUENCY	Setting Range	AC Mode: 40.00 Hz to 999.9 Hz, AC+DC Mode: 1.00 Hz to	999.9 Hz
•	Setting Resolution	0.01 Hz (1.00 to 99.99 Hz), 0.1 Hz (100.0 to 999.9 Hz)	
	Accuracy	For 45 Hz to 65 Hz: 0.01% of set, For 40 Hz to 999.9 Hz: 0	02% of set
	Stability ^{*5}	+ 0.005%	
OUTPUT ON PHASE	Stability	0.0° to 359.9° variable (setting resolution 0.1°)	
DC OFFSET		Within ± 20 mV (TYP)	
		· · · · · · · · · · · · · · · · · · ·	
*1. 100 V / 200 V range *2 For an output voltage of 17 5 V	to 175 V / 35 V to 350 V /	ine wave, an output frequency of 45 Hz to 65 Hz, no load, DC voltage :	setting (V (AC+DC mode) and 23°C + 5°C
		and wave, an output frequency of 45 Hz to 65 Hz, no load, DC voltage s ed by the power capacity when the output voltage is 100 V to 175 V / 2°	
*4. With respect to the capacitor-in			
		I the resistance load for the maximum current, and the operating temp	erature.
*6. In the case of the AC mode and			
OUTPUT RATING FOR DC M			
VOLTAGE	Setting Range	-250 V to +250 V / -500 V to +500 V	
	Setting Resolution	0.1 V	
	Accuracy ²	±(0.5 % of set + 0.6 V / 1.2 V)	
MAXIMUM CURRENT ^{*3}	100 V	5 A	10 A
	200 V	2.5 A	5 A
***		20 A	40 A
MAXIMUM PEAK CURRENT			
MAXIMUM PEAK CURRENT*4	200 V	10 A	20 A
		10 A 500 W	20 A 1000 W
POWER CAPACITY			
*1. 100 V / 200 V range	200 V	500 W	1000 W
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L		1000 W DC mode) and 23°C ± 5°C
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L	500 W / -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E	1000 W DC mode) and 23°C ± 5°C
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t	200 V / to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current.	500 W / -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E	1000 W DC mode) and 23°C ± 5°C
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT	200 V / to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current.	500 W / -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V	1000 W DC mode) and 23°C ± 5°C
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILITY LINE REGULATION ^{*1}	200 V / to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current.	500 W / -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V.
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILITY LINE REGULATION ^{*1} LOAD REGULATION ^{*2}	200 V / to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current.	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V.
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILITY LINE REGULATION ^{*1}	200 V / to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current.	500 W / -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V.
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILITY LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) pad, rated output.	1000 W DC mode) and 23°C ± 5°C / / 200 V to 500 V. 0 100%, via output terminal)
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage of 75 V to	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no ko 175V/150V to 350V, a load	500 W / 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi	1000 W DC mode) and 23°C ± 5°C // 200 V to 500 V. 0 100%, via output terminal)
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the ou	500 W / 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) pad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel.	1000 W DC mode) and 23°C ± 5°C // 200 V to 500 V. 0 100%, via output terminal)
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFOR	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RAT	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+t imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) pad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY	1000 W DC mode) and 23°C ± 5°C // 200 V to 500 V. 0 100%, via output terminal)
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1}	500 W / 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) pad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less	1000 W DC mode) and 23°C ± 5°C / / 200 V to 500 V. 0 100%, via output terminal)
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPON	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1}	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+t imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) pad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY	1000 W DC mode) and 23°C ± 5°C // 200 V to 500 V. 0 100%, via output terminal)
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1}	500 W / 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) pad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less	1000 W DC mode) and 23°C ± 5°C / / 200 V to 500 V. 0 100%, via output terminal)
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONSE EFFICIENCY ^{*3}	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the or RM DISTORTION RATIO ^{*1} SE TIME ^{*2}	500 W / -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more	1000 W DC mode) and 23°C ± 5°C / / 200 V to 500 V. 0 100%, via output terminal)
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to OUTPUT VOLTAGE WAVEFOIL OUTPUT VOLTAGE WAVEFOIL OUTPUT VOLTAGE RESPONSE EFFICIENCY ^{*3}	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO M DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more bad power factor of 1, and in AC and AC+DC mode.	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*3} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONSE EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *2. For an output voltage of 100 V	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the or RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxing the terminal on the rear panel. TO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more bad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE RECULATION ^{*3} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONSE EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output voltage	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the or RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more bad power factor of 1, and in AC and AC+DC mode.	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*3} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONSE EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output voltage MEASURED VALUE DISPLAY	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the or RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxing the terminal on the rear panel. TO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more bad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE RECULATION ^{*3} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONSE EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output voltage	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO SE TIME ¹² 175 V / 100 V to 350 V, a l 175 V / 100 V to 350 V, a l 200 V, a load power factor tage of 100 V / 200 V, maxi Resolution	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. TO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V	0 1000 W DC mode) and 23°C ± 5°C 20 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p o the maximum current (or its reverse); 10% ~ 90% of output volv
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*3} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output voltage MEASURED VALUE DISPLAY	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power facto tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2}	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more bad power factor of 1, and in AC and AC+DC mode. bar of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only.	0 1000 W DC mode) and 23°C ± 5°C 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p o the maximum current (or its reverse); 10% ~ 90% of output volt
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*3} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output voltage MEASURED VALUE DISPLAY	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO SE TIME ¹² 175 V / 100 V to 350 V, a l 175 V / 100 V to 350 V, a l 200 V, a load power factor tage of 100 V / 200 V, maxi Resolution	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. TO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V	0 1000 W DC mode) and 23°C ± 5°C 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p o the maximum current (or its reverse); 10% ~ 90% of output volt
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RAVEFORM OUTPUT VOLTAGE RESPONSE EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value ^{*3}	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power facto tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2}	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) ad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V	000 W DC mode) and 23°C ± 5°C 2 / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p imum current(or its reverse), using the output terminal on the rear p o the maximum current (or its reverse); 10% ~ 90% of output volt 5 V)For 40 Hz to 999.9 Hz: ±(0.7 % of reading + 0.9 V/1.4
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value ^{*3} PEAK Value	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power facto tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) ad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(2 % of reading + 1 V / 2 V)	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. p 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p imum current(or its reverse), using the output terminal on the rear p to the maximum current (or its reverse); 10% ~ 90% of output volt 5 V)For 40 Hz to 999.9 Hz: ±(0.7 % of reading + 0.9 V/1.4)
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RAVEFORM OUTPUT VOLTAGE RESPONSE EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value ^{*3}	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the or RM DISTORTION RATIO M DISTORTION RATIO 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi Resolution Accuracy Resolution Accuracy Resolution	500 W 500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5% or less 100 us (TYP) 70% or more boad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(12 % of reading + 1 V / 2 V) 0.01 A	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p o the maximum current (or its reverse); 10% ~ 90% of output volt 5 V)For 40 Hz to 999.9 Hz: ±(0.7 % of reading + 0.9 V/1.3) 0.01 A
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value ^{*3} PEAK Value	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power facto tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more bad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading+0.02 A/0.02 A);	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear provide terminal on th
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE RECULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value CURRENT RMS, AVG Value	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy Resolution Accuracy ^{*3}	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maximate utrained on the rear panel. IOO OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or 01, with respect to stepwise change from an output current of 0 A to maximum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(12 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading+0.02 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(0.7 % of reading+0.02 A/0.02 A); For 40 Hz to 999.9 Hz:±(0.7 % of reading + 0.04 A / 0.04 A)	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear provide terminal on th
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value ^{*3} PEAK Value	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO SE TIME ^{*2} 175 V / 100 V to 350 V, a l 1/ 200 V, a load power factor age of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*3} Resolution	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more bad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading+0.02 A/0.02 A);	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p o the maximum current (or its reverse); 10% ~ 90% of output volt 5 V)For 40 Hz to 999.9 Hz: ±(0.7 % of reading + 0.9 V/1.4) 0.01 A For 45 Hz to 65 Hz and DC:±(0.5 % of reading+0.04 A/0.0
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE RECULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value CURRENT RMS, AVG Value	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy Resolution Accuracy ^{*3}	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maximate utrained on the rear panel. IOO OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or 01, with respect to stepwise change from an output current of 0 A to maximum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(12 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading+0.02 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(0.7 % of reading+0.02 A/0.02 A); For 40 Hz to 999.9 Hz:±(0.7 % of reading + 0.04 A / 0.04 A)	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p imum current(or its reverse), using the output terminal on the rear p 0 the maximum current (or its reverse); 10% ~ 90% of output volt 5 V)For 40 Hz to 999.9 Hz: ±(0.7 % of reading + 0.9 V/1) 0.01 A ; For 45 Hz to 65 Hz and DC:±(0.5 % of reading+0.04 A/0.0 For 40 Hz to 999.9 Hz:±(0.7 % of reading + 0.08 A / 0.04 / 0.01 A
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RAVEFORM OUTPUT	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO SE TIME ^{*2} 175 V / 100 V to 350 V, a l 1/ 200 V, a load power factor age of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*4}	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) ad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(12 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.02 A/0.02 A); For 40 Hz to 999.9 Hz:±(0.7 % of reading + 0.04 A / 0.04 A) 0.01 A For 45 Hz to 65 Hz and DC:±(12 % of reading)+0.2 A/0.1 A) For 45 Hz to 65 Hz and DC:±(12 % of reading)+0.2 A/0.1 A)	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear primum current(or its reverse), using the output terminal on the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% ~ 90% of output volted in the rear primum current (or its reverse); 10% of reading + 0.04 A/0.04 A/0.04 A/0.01 A 0.01 A For 45 Hz to 65 Hz and DC:±(0.5 % of reading + 0.08 A / 0.04 A/0.01 A/0
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE RECULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value CURRENT RMS, AVG Value	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power facto tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*4} Resolution	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) ad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to function of power factor of 1 and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to function 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(12 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.02 A/0.02 A); For 40 Hz to 999.9 Hz:±(0.7 % of reading + 0.04 A / 0.04 A) 0.01 A For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0.12 A); For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0.12 A); 0.01 A For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0.12 A); 0.01 A For 45 Hz to 65 Hz and DC:±(12 % of reading +0.02 A/0.02 A); 0.01 A For 45 Hz to 65 Hz and DC:±(12 % of reading +0.02 A/0.02 A); 0.01 A	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear provide terminal on te
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage of 15 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 100 V *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value PEAK Value POWER Active (W)	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*4} Resolution Accuracy ^{*5}	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxing tiput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5% or less 100 us (TYP) 70% or more boad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to find wrum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5% of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5% of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5% of reading + 0.02 A/0.02 A); For 40 Hz to 999.9 Hz:±(0.7% of reading + 0.04 A / 0.04 A) 0.01 A For 45 Hz to 65 Hz and DC:±(12% of reading +0.2 A/0.1 A) 0.1 / 1 W ±(2% of reading + 0.5 W)	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear provide terminal on the rear provideterminal on the rear provide terminal on the
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RASPON: EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *3. For AC mode, at an output voltage VOLTAGE RMS, AVG Value PEAK Value CURRENT RMS, AVG Value	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO M DISTORTION RATIO A DISTORTION RATIO T 5 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi 1 Resolution Accuracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*3} Resolution Accuracy ^{*3} Resolution	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more boad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading +0.02 A/0.02 A); For 40 Hz to 999.9 Hz:±(0.7 % of reading +0.04 A / 0.04 A) 0.01 A For 45 Hz to 65 Hz and DC:±(0.2 % of reading +0.2 A/0.1 A) 0.1 / 1 W ±(2 % of reading + 0.5 W) 0.1 / 1 VA	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. p 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear present terminal on te
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volta MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value POWER Active (W) Apparent (VA)	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load ts in DC mode using the ou RM DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*4} Resolution Accuracy ^{*5}	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. 10. OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more bad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.2 A/0.02 A); For 40 Hz to 999.9 Hz:±(0.7 % of reading + 0.04 A) (0.04 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(2 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.5 W) 0.1 / 1 W ±(2 % of reading + 0.5 VA)	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. a 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear provide terminal on th
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} LOAD REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage of 15 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *2. For an output voltage of 50 V to *2. For an output voltage of 50 V to *2. For an output voltage of 50 V to *2. For an output voltage of 50 V to *2. For an output voltage of 50 V to *2. For an output voltage of 50 V to *2. For an output voltage of 100 V *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value PEAK Value PEAK Value POWER Active (W)	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO M DISTORTION RATIO A DISTORTION RATIO T 5 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi 1 Resolution Accuracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*3} Resolution Accuracy ^{*3} Resolution	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more boad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading +0.02 A/0.02 A); For 40 Hz to 999.9 Hz:±(0.7 % of reading +0.04 A / 0.04 A) 0.01 A For 45 Hz to 65 Hz and DC:±(0.2 % of reading +0.2 A/0.1 A) 0.1 / 1 W ±(2 % of reading + 0.5 W) 0.1 / 1 VA	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. p 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p imum current(or its reverse), using the output terminal on the rear p 0 the maximum current (or its reverse); 10% ~ 90% of output volt 5 V) For 40 Hz to 999.9 Hz: ±(0.7 % of reading + 0.9 V/1. 0.01 A ; For 45 Hz to 65 Hz and DC:±(0.5 % of reading+0.04 A/0.0 For 40 Hz to 999.9 Hz: ±(0.7 % of reading + 0.08 A / 0.04 / 0.01 A ; For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0 0.1 A ; For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0 0.1 A ; For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0 0.1 A ; For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0 0.1 A ; For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0 0.1 / 1 W ±(2 % of reading + 1 W) 0.1 / 1 VA
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RESPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volta MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value POWER Active (W) Apparent (VA)	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO RM DISTORTION RATIO SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power fact tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*4} Resolution Accuracy ^{*4} Resolution Accuracy ^{*5*6}	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+E imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) pad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi utput terminal on the rear panel. 10, OUTPUT VOLTACE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(12 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.02 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.04 A / 0.04 A) 0.01 A For 45 Hz to 65 Hz and DC: ±(12 % of reading +0.2 A/0.1 A) 0.1 N For 45 Hz to 65 Hz and DC: ±(12 % of reading +0.2 A/0.1 A) 0.1 A For 45 Hz to 65 Hz and DC: ±(12 % of reading +0.2 A/0.1 A) 0.1 / 1 W ±(2 % of reading + 0.5 W)	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. 0 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear provide terminal on the terminal on the rear provide terminal on the tere
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFOR OUTPUT VOLTAGE WAVEFOR OUTPUT VOLTAGE WAVEFOR OUTPUT VOLTAGE RASPON: EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output voltage VOLTAGE RMS, AVG Value POWER RMS, AVG Value POWER Active (W) Apparent (VA) Reactive (VAR)	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO SE TIME ¹² 175 V / 100 V to 350 V, a l 1/ 200 V, a load power factor age of 100 V / 200 V, maxi Resolution Accuracy ¹² Resolution Accuracy ¹³ Resolution Accuracy ¹⁵ Resolution Accuracy ¹⁵ Resolution Accuracy ¹⁵ Resolution Accuracy ¹⁵ Resolution Accuracy ¹⁵ Resolution Accuracy ¹⁵ Resolution Accuracy ¹⁵	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) pad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. IO, OUTPUT VOLTACE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(12 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.02 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.02 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.01 A For 45 Hz to 65 Hz and DC: ±(12 % of reading + 0.2 A/0.1 A) 0.1 / 1 W ±(2 % of reading + 0.5 W) 0.1 / 1 W ±(2 % of reading + 0.5 VA) 0.1 / 1 VAR ±(2 % of reading +	1000 W DC mode) and 23°C ± 5°C / 200 V to 500 V. p 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear provide terminal on the tereminal on the rear prov
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*2} RIPPLE NOISE ^{*3} *1. Power source input voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE WAVEFORM OUTPUT VOLTAGE RASPONS EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output volta MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value POWER Active (W) Apparent (VA)	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the ou RM DISTORTION RATIO SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maximum A Couracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*3} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) aad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(2 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.02 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.2 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(2 % of reading + 0.2 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(2 % of reading + 0.2 A/0.1 A) 0.01 A For 45 Hz to 65 Hz and DC: ±(2 % of reading + 0.2 A/0.1 A) 0.1 / 1 W ±(2 % of reading + 0.5 W) 0.1 / 1 VA ±(2 % of reading + 0.5 VA)	1000 W DC mode) and 23°C ± 5°C // 200 V to 500 V. p 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p imum current(or its reverse), using the output terminal on the rear p o the maximum current (or its reverse); 10% ~ 90% of output volt 5 V)For 40 Hz to 999.9 Hz: ±(0.7 % of reading + 0.9 V/1. 0.01 A For 45 Hz to 65 Hz and DC:±(0.5 % of reading+0.04 A/0.0 For 40 Hz to 999.9 Hz:±(0.7 % of reading + 0.08 A / 0.04 A) 0.01 A For 45 Hz to 65 Hz and DC:±(12 % of reading+0.2 A/0 A) 0.01 A For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0 A) 0.1 / 1 W ±(2 % of reading + 1 W) 0.1 / 1 VA ±(2 % of reading + 1 VA) 0.1 / 1 VAR ±(2 % of reading + 1 VAR) 0.000 to 1.000
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V t *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION*2 RIPPLE NOISE*3 *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFOR OUTPUT VOLTAGE WAVEFOR OUTPUT VOLTAGE RESPONSEFFICIENCY*3 *1. At an output voltage of 50 V to *2. For an output voltage of 100 V *3. For AC mode, at an output volt MEASURED VALUE DISPLAY VOLTAGE RMS, AVG Value POWER Active (W) Apparent (VA) Reactive (VAR) LOAD POWER FACTOR	200 V (to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the or RM DISTORTION RATIO M DISTORTION RATIO ^{*1} SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maxi Resolution Accuracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*3*6} Resolution Accuracy ^{*5*6} Resolution Accuracy ^{*5*7} Resolution Accuracy ^{*5*7} Range Resolution	500 W 500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) bad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxing tiput terminal on the rear panel. 10, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5% or less 100 us (TYP) 70% or more boad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5% of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5% of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5% of reading + 0.2 A/0.02 A); For 40 Hz to 999.9 Hz:±(0.7% of reading + 0.04 A) (0.04 A) 0.01 A For 45 Hz to 65 Hz and DC:±(12% of reading +0.2 A/0.1 A) 0.1 / 1 W ±(2% of reading + 0.5 VA) 0.1 / 1 VA ±(2% of reading + 0.5 VA) 0.1 / 1 VA ±(2% of reading + 0.5 VAR) 0.000 to 1.000 0.001	1000 W DC mode) and 23°C ± 5°C // 200 V to 500 V. p 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear provide terminal on the provide terminal on the rear provide terminal on the re
POWER CAPACITY *1. 100 V / 200 V range *2. For an output voltage of -250 V *3. For an output voltage of 1.4 V *4. Within 5 ms, Limited by the m OUTPUT VOLTAGE STABILIT LINE REGULATION ^{*1} RIPPLE NOISE ^{*3} *1. Power source input voltage is 1 *2. For an output voltage of 75 V to *3. For 5 Hz to 1 MHz component OUTPUT VOLTAGE WAVEFOR OUTPUT VOLTAGE WAVEFOR OUTPUT VOLTAGE WAVEFOR OUTPUT VOLTAGE RASPON: EFFICIENCY ^{*3} *1. At an output voltage of 50 V to *2. For an output voltage of 50 V to *3. For AC mode, at an output voltage VOLTAGE RMS, AVG Value POWER RMS, AVG Value POWER Active (W) Apparent (VA) Reactive (VAR)	200 V to -25 V, +25 V to +250 V to 100 V / 2.8 V to 200 V, L aximum current. Y 100 V, 120 V, or 230 V, no lo 175V/150V to 350V, a load is in DC mode using the ou RM DISTORTION RATIO SE TIME ^{*2} 175 V / 100 V to 350 V, a l / 200 V, a load power factor tage of 100 V / 200 V, maximum A Couracy ^{*2} Resolution Accuracy ^{*3} Resolution Accuracy ^{*3} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution Accuracy ^{*5} Resolution	500 W -500 V to -50 V, +50 V to +500 V, no load, AC volatge setting 0V (AC+L imited by the power capacity when the output voltage is 100 V to 250 V ±0.2% or less 0.15% @45 - 65Hz; 0.5% @DC, all other frequencies (0 to 0.7 Vrms / 1.4 Vrms (TYP) aad, rated output. power factor of 1, stepwise change from an output current of 0 A to maxi uput terminal on the rear panel. IO, OUTPUT VOLTAGE RESPONSE TIME, EFFICIENCY 0.5 % or less 100 us (TYP) 70 % or more oad power factor of 1, and in AC and AC+DC mode. or of 1, with respect to stepwise change from an output current of 0 A to mum current, and load power factor of 1 and sine wave only. 0.1 V For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.3 V/0.6 0.1 V For 45 Hz to 65 Hz and DC: ±(2 % of reading + 1 V / 2 V) 0.01 A For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.02 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(0.5 % of reading + 0.2 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(2 % of reading + 0.2 A/0.02 A); For 45 Hz to 65 Hz and DC: ±(2 % of reading + 0.2 A/0.1 A) 0.01 A For 45 Hz to 65 Hz and DC: ±(2 % of reading + 0.2 A/0.1 A) 0.1 / 1 W ±(2 % of reading + 0.5 W) 0.1 / 1 VA ±(2 % of reading + 0.5 VA)	1000 W DC mode) and 23°C ± 5°C // 200 V to 500 V. p 100%, via output terminal) imum current(or its reverse), using the output terminal on the rear p imum current(or its reverse), using the output terminal on the rear p 0 the maximum current (or its reverse); 10% ~ 90% of output volt 5 V)For 40 Hz to 999.9 Hz: ±(0.7 % of reading + 0.9 V/1.8 0.01 A For 45 Hz to 65 Hz and DC:±(0.5 % of reading+0.04 A/0.0 For 45 Hz to 65 Hz and DC:±(0.7 % of reading + 0.08 A / 0.04 A 0.01 A For 45 Hz to 65 Hz and DC:±(12 % of reading +0.2 A/0 0.1 / 1 W ±(2 % of reading + 1 W) 0.1 / 1 VA ±(2 % of reading + 1 VA) 0.1 / 1 VAR ±(2 % of reading + 1 VAR) 0.000 to 1.000