

IT7600 Series AC/DC power supply

Via Acquanera, 29 tel. 031.526.566 (r.a.) fax 031.507.984 info@calpower.it

22100 COMO www.calpower.it

Parameter		IT7622 V1.4
AC Input		
Voltage		220Vac±10% or 110Vac±10%
Ph	nase	1φ
Freq	uency	47-63Hz
Max.0	Current	20A/40A
Powe	r Factor	0.7(Typical)
		AC Output
Max. outp	out power	750VA
Voltage	e range	High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V
Voltage r	esolution	10mV
Voltage accura	acy(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2
Voltage accura	cy(loop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
Temp. co	pefficient	±(0.04% per degree from 25°C)
Max	1-150Vac	0-6Arms
Current(rms)	2-300Vac	0-3Arms
Max	90-125Vac	0-18Apeak
Current(peak)	180-250Vac	0-9Apeak
Total Harmon	ia Diatortian*3	≤0.5% at 10-500Hz (Resistive Load)
Total Harmon	IC DISTOLLION -	≤2% at 501-5000Hz (Resistive Load)
Crest	Factor	3(Typical)
Line Re	gulation	≤0.1%FS(Resistive Load)
Load Re	gulation	≤0.5%FS(Resistive Load)
Dynamic Res	sponse Time	≤100us(Typical)
Output Phase		single phase
DC Output		
Max. output power		375W
Voltage output		±212V/±424V*6
Voltage r	esolution	10mV
Voltage output Accu		±(0.2%+0.2%FS)*7

Temp. co	efficient	±(0.04% per degree from 25°C)
Current range		3A/1.5A
Current resolution		10mA
Current readback accuracy		±(0.3%+0.3%FS)*7
Power mete	r accuracy	±(0.4%+0.4%FS)*7
) (alta na minula	Peak	300mVp-p
Voltage ripple	Rms	150mVrms
		Meter
	Range	0-300Vac
	Resolution	10mV
AC voltage	Accuracy	±(0.2%+0.2%FS)
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-6Arms
AC current	Resolution	10mA
(rms)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-18Apeak
AC current	Resolution	10mA
(peak)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Resolution	10mW
Power	Accuracy	±0.4%+(0.4%+0.3%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-360°
Phase Angle	Resolution	1°
	Accuracy	±1°(45-65Hz)*5
	Range	10Hz-5KHz
Frequency	Resolution	0.1Hz
	Accuracy	±0.1%+0.1Hz(45Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4
Other		
Protection	OPP,OCP,OTP	

Interface	GPIB,USB,LAN,RS232,CAN
Dimension (WxHxD)	3u
Weight	45Kg

^{*1:} Precondition for voltage accuracy: Slow loop speed: 10-100Hz, Fast loop speed: 10-5KHz;

^{*2:} FS= Full Scale, Vrms=300Vac; Irms=6A; Ipk=18A; P=750VA;

^{*3:} The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).

^{*4:} The test frequency accuracy should ensure that the minimum voltage is 30Vac.

^{*5:} Testing premise is in Fast mode

^{*6:} The minimum voltage setting must not be less than 50Vdc.

^{*7:} FS=full: Vdc=424Vdc; Idc=3A; P=375W.

Para	meter	IT7624 V1.4
		AC Input
Voltage		220Vac±10% or 110Vac±10%
Pł	nase	1φ
Fred	luency	47-63Hz
Max.	Current	30A/60A
Powe	r Factor	0.7(Typical)
		AC Output
Max. out	out power	1.5KVA
Voltage	e range	High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V
Voltage r	esolution	10mV
Voltage accura	acy(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2
Voltage accura	cy(loop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
Temp. co	pefficient	±(0.04% per degree from 25°C)
Max	1-150Vac	0-12Arms
Current(rms)	2-300Vac	0-6Arms
Max	90-125Vac	0-36Apeak
Current(peak)	180-250Vac	0-18Apeak
Total Harmon	ic Distortion*3	≤0.5% at 10-500Hz (Resistive Load)
iotai Haiiiioii	iic Distortion	≤2% at 501-5000Hz (Resistive Load)
Crest	Factor	3(Typical)
Line Re	gulation	≤0.1%FS(Resistive Load)
Load Re	gulation	≤0.5%FS(Resistive Load)
Dynamic Re	sponse Time	≤100us(Typical)
Output	Phase	single phase
		DC Output
Max. outp	out power	750W
Voltage output		±212V/±424V*6
Voltage resolution		10mV
Voltage output and readback Accuracy		±(0.2%+0.2%FS)* ⁷
Temp. coefficient		±(0.04% per degree from 25°C)
Curren	t range	6A/3A

Current re	esolution	10mA	
Current readback accuracy		±(0.3%+0.3%FS)*7	
Power meter accuracy		±(0.4%+0.4%FS)*7	
Valtaga rippla	Peak	300mVp-p	
Voltage ripple	Rms	150mVrms	
		Meter	
	Range	0-300Vac	
_	Resolution	10mV	
AC voltage	Accuracy	±(0.2%+0.2%FS)	
	Temp. coefficient	±(0.04% per degree from 25°C)	
	Range	0-12Arms	
AC current	Resolution	10mA	
(rms)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2	
	Temp. coefficient	±(0.04% per degree from 25°C)	
	Range	0-36Apeak	
AC current	Resolution	10mA	
(peak)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2	
	Temp. coefficient	±(0.04% per degree from 25°C)	
	Resolution	10mW	
Power	Accuracy	±0.4%+(0.4%+0.2%×Kfreq)×FS*2	
	Temp. coefficient	±(0.04% per degree from 25°C)	
	Range	0-360°	
Phase Angle	Resolution	1°	
	Accuracy	±1°(45-65Hz)* ⁵	
	Range	10Hz-5KHz	
Frequency	Resolution	0.1Hz	
	Accuracy	±0.1%+0.1Hz(45Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4	
Other			
Protection		OPP,OCP,OTP	
Interface	GPIB,USB,LAN,RS232,CAN		
Dimension (WxHxD)	3u		

Weight 50Kg	
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- *1: Precondition for voltage accuracy: Slow loop speed: 10-100Hz; Fast loop speed: 10-5KHz.
- *2: FS= Full Scale: Vrms=300Vac, Irms=12A; Ipk=36A; P=1500VA.
- *3: The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).

- *4: The test frequency accuracy should ensure that the minimum voltage is 30Vac.
- *5: Testing premise is in Fast mode
- *6: The minimum voltage setting must not be less than 50Vdc.
- *7: FS=full: Vdc=424Vdc; Idc=6A; P=750W.

Parame	eter	IT7625 V1.1
AC Input		
Voltage		380Vac±10%(Y)
Phase)	3φ
Frequer	ісу	47-63Hz
Max.Curi	rent	30A
Power Fa	ctor	0.7(Typical)
		AC Output
Output Ph	nase	1φ or 3φ
Max. output	power	4.5KVA
Max. output power	of each phase	1.5KVA
Voltage ra	inge	High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V
Voltage reso	olution	10mV
Voltage accuracy	(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2
Voltage accuracy	(loop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
Temp. coef	ficient	$\pm (0.04\%$ per degree from 25° C)
Max.Current(1φ)	RMS	36A/18A* ⁸
Max.Current(τψ)	Peak(CF=3)	108A/54A ^{*8}
Max.Current(3φ)	RMS	12A/6A
Max.Current(3φ)	Peak(CF=3)	36A/18A
Total Harmonic I	Distortion*3	≤0.5% at 10-500Hz (Resistive Load)
Total Harmonic I	JISTOLLION	≤2% at 501-5000Hz (Resistive Load)
Crest Fac	ctor	3
Line Regul	ation	≤0.1%FS(Resistive Load)
Load Regu	lation	≤0.5%FS(Resistive Load)
Dynamic Respo	onse Time	≤200us(Typical)
		DC Output
Max. output power		2.25KW
Voltage output		±212V/±424V*6
Voltage resolution		10mV
Voltage output and readback Accuracy		±(0.2%+0.2%FS)*7
Temp. coef		±(0.04% per degree from 25°C)

Current rang	ne	18A/9A
Current range Current resolution		10mA
Current readback accuracy		±(0.3%+0.3%FS)*7
Power meter accuracy		±(0.4%+0.4%FS)*7
Voltage ripple	Peak	500mVp-p
Total go Appro	Rms	200mVrms
		Meter
	Range	0-300Vac
	Resolution	10mV
AC voltage	Accuracy	±(0.2%+0.2%FS)
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-36Arms
	Resolution	10mA
AC current (rms)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-108Apeak
	Resolution	10mA
AC current (peak)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Resolution	10mW
Power	Accuracy	±0.4%+(0.4%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-360°
Phase Angle	Resolution	1°
	Accuracy	±1°(45-65Hz)*5
Frequency	Range	10Hz-5KHz
	Resolution	0.1Hz
	Accuracy	±0.1%+0.1Hz(10Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4
Other		
Protection		OPP,OCP,OTP
Interface		

Memory	10 groups
Dimension(WxHxD)	15u

^{*1:} Preconditions for voltage accury: Slow loop speed: 10-100Hz, Fast loop speed: 10-5KHz;

^{*2:} FS=full scale, Vrms 300Vac; Irms=36A; Ipk=108A; P=4500VA;

^{*3:} The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).

^{*4:} The test frequency accuracy should ensure that the minimum voltage is 30Vac.

^{*5:} Testing premise is in Fast mode.

^{*6:} The minimum voltage setting must not be less than 50Vdc.

^{*7:} FS=full scale; Vdc=424Vdc; Idc=18A; P=2250W;

^{*8:} The maximum current range is 90% in the parallel mode.

Parame	eter	IT7626 V1.7
		AC Input
Voltage		220Vac±10%
Phase	;	1φ
Frequer	ісу	47-63Hz
Max.Curi	rent	60A
Power Fa	ictor	0.7(Typical)
		AC Output
Max. output	power	3KVA
Voltage ra	inge	High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V
Voltage reso	olution	10mV
Voltage accuracy	(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2
Voltage accuracy	(loop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
Temp. coef	ficient	±(0.04% per degree from 25°C)
Max Current(rms)	1-150Vac	0-24Arms
wax Current(IIIIs)	2-300Vac	0-12Arms
Max Current(peak)	90-125Vac	0-72Apeak
Max Current(peak)	180-250Vac	0-36Apeak
Total Harmonic I	Distortion*3	≤0.5% at 10-500Hz (Resistive Load)
Total Hairnonic I	אכוטו נוטוו	≤2% at 501-5000Hz (Resistive Load)
Crest Fac	ctor	3(Typical)
Line Regul	ation	≤0.1%FS(Resistive Load)
Load Regu	lation	≤0.5%FS(Resistive Load)
Dynamic Respo	onse Time	≤100us(Typical)
Output Ph	nase	single phase
		DC Output
Max. output power		1.5KW
Voltage output		±212V/±424V*6
Voltage resolution		10mV
Voltage output and readback Accuracy		±(0.2%+0.2%FS)*7
Temp. coef	ficient	±(0.04% per degree from 25°C)
Current ra	nge	12A/6A

Current resolu	ition	40 1
Current resolution		10mA
Current readback accuracy		±(0.3%+0.3%FS)*7
Power meter accuracy		±(0.4%+0.4%FS)*7
Voltago ripplo	Peak	300mVp-p
Voltage ripple -	Rms	150mVrms
		Meter
	Range	0-300Vac
	Resolution	10mV
AC voltage	Accuracy	±(0.2%+0.2%FS)
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-24Arms
	Resolution	10mA
AC current (rms)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-72Apeak
	Resolution	10mA
AC current (peak)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Resolution	10mW
Power	Accuracy	±0.4%+(0.4%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-360°
Phase Angle	Resolution	1°
	Accuracy	±1°(45-65Hz)*5
	Range	10Hz-5KHz
Frequency	Resolution	0.1Hz
	Accuracy	±0.1%+0.1Hz(10Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4
Other		
Protection	OPP,OCP,OTP	
Interface	GPIB,USB,LAN,RS232,CAN	
Memory	Memory 10groups	

Dimension(WxHxD)	6u
Weight	100Kg

^{*1:} Preconditions for voltage accuracy: Slow loop speed: 10-100Hz; Fast loop speed: 10-5KHz.

^{*2:} FS=full scale: Vrms=300Vac, Irms=24A; Ipk=72A; P=3000VA.

^{*3:} The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).

^{*4:} The test frequency accuracy should ensure that the minimum voltage is 30Vac.

^{*5:} Testing premise is in Fast mode

^{*6:} The minimum voltage setting must not be less than 50Vdc.

^{*7:} FS=full scale: Vdc=424Vdc; Idc=12A; P=1500W.

Parameter		IT7627 V1.4		
AC Input				
Voltage		380Vac±10%(Y)		
Phase	;	3φ		
Frequer	ісу	47-63Hz		
Max.Curi	rent	60A		
Power Fa	ctor	0.7(Typical)		
		AC Output		
Output Ph	nase	1φ or 3φ		
Max. output	power	9KVA		
Max.output power of	of each phase	3KVA		
Voltage ra	inge	High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V		
Voltage reso	olution	10mV		
Voltage accuracy	(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2		
Voltage accuracy	(loop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2		
Temp. coef	ficient	±(0.04% per degree from 25°C)		
May Current(10)	RMS	72A/36A*8		
Max.Current(1φ)	Peak(CF=3)	216A/108A ^{*8} (Typical)		
May Current(20)	RMS	24A/12A		
Max.Current(3φ)	Peak(CF=3)	72A/36A (Typical)		
Total Harmonic I	Diotortion*3	≤0.5% at 10-500Hz (Resistive Load)		
Total Haimonic I	יוטוו ווטוו י	≤2% at 501-5000Hz (Resistive Load)		
Crest Fac	ctor	3(Typical)		
Line Regul	ation	≤0.1%FS(Resistive Load)		
Load Regu	lation	≤0.5%FS(Resistive Load)		
Dynamic Respo	onse Time	≤200us(Typical)		
		DC Output		
Max. output power		4.5KW		
Voltage output		±212V/±424V*6		
Voltage resolution		10mV		
Voltage output and readback Accuracy		±(0.2%+0.2%FS)*7		
Temp. coef	ficient	±(0.04% per degree from 25°C)		

Current range		004/404
Current range		36A/18A
Current resolution		10mA
Current readback accuracy		±(0.3%+0.3%FS)*7
Power meter accuracy		±(0.4%+0.4%FS)*7
Voltago ripplo	Peak	500mVp-p
Voltage ripple	Rms	200mVrms
		Meter
	Range	0-300Vac
	Resolution	10mV
AC voltage	Accuracy	±(0.2%+0.2%FS)
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-72Arms
	Resolution	10mA
AC current (rms)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-216Apeak
	Resolution	10mA
AC current (peak)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Resolution	10mW
Power	Accuracy	±0.4%+(0.4%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-360°
Phase Angle	Resolution	1°
	Accuracy	±1°(45-65Hz)*5
	Range	10Hz-5KHz
Frequency	Resolution	0.1Hz
	Accuracy	±0.1%+0.1Hz(10Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4
Other		
Protection		OPP,OCP,OTP
Interface	GPIB,USB,LAN,RS232,CAN	
<u> </u>		

Memory	10 groups
Dimension(WxHxD)	24u

^{*1:} Preconditions for voltage accuracy: Slow loop speed: 10-100Hz; Fast loop speed: 10-5KHz.

- *5: Testing premise is in Fast mode
- *6: The minimum voltage setting must not be less than 50Vdc.
- *7: FS=full scale: Vdc=424Vdc; Idc=36A;P=4500W;
- *8: The maximum current range is 90% in the parallel mode.

 Meet CF=3, the voltage in low range is 90 to 125 Vac and in high range is 180 to 250Vac.

^{*2:} FS=full scale: Vrms=300Vac,Irms=72A; Ipk=216A;P=9000VA;

^{*3:} The minimum voltage of THD test is 10Vac(Auto mode) and 20Vac(High mode).

^{*4:} The test frequency accuracy should ensure that the minimum voltage is 30Vac.

Parameter		IT7628 V1.5
		AC Input
Voltage		380Vac±10%(Y)
Phase	;	3φ
Frequer	ісу	47-63Hz
Max.Curi	rent	120A
Power Fa	ictor	0.7(Typical)
		AC Output
Output Ph	nase	1φ or 3φ
Max. output	power	18KVA
Max.output power of	of each phase	6KVA
Voltage ra	inge	High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V
Voltage reso	olution	10mV
Voltage accuracy	(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2
Voltage accuracy	(loop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
Temp. coef	ficient	$\pm (0.04\%$ per degree from 25%)
Max.Current(1φ)	RMS	144A/72A*8
Max.Currerit(τψ)	Peak(CF=3)	432A/216A*8(Typical)
May Current(20)	RMS	48A/24A
Max.Current(3φ)	Peak(CF=3)	144A/72A(Typical)
Total Harmonic I	Diotortion*3	≤0.5% at 10-500Hz (Resistive Load)
Total Hairionic i	יוטוויטואוטאול	≤2% at 501-5000Hz (Resistive Load)
Crest Fac	ctor	3(Typical)
Line Regul	ation	≤0.1%FS(Resistive Load)
Load Regu	lation	≤0.5%FS(Resistive Load)
Dynamic Respo	onse Time	≤200us(Typical)
		DC Output
Max. output power		9KW
Voltage output		±212V/±424V*6
Voltage resolution		10mV
Voltage output and readback Accuracy		±(0.2%+0.2%FS)*7
Temp. coef		±(0.04% per degree from 25°C)

Current range		72A/36A
Current resolution		10mA
Current readback accuracy		±(0.3%+0.3%FS)*7
Power meter accuracy		±(0.4%+0.4%FS)* ⁷
	Peak	600mVp-p
Voltage ripple	Rms	300mVrms
		Meter
	Range	0-300Vac
	Resolution	10mV
AC voltage	Accuracy	±(0.2%+0.2%FS)
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-144Arms
10	Resolution	10mA
AC current (rms)	Accuracy	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-432Apeak
10	Resolution	10mA
AC current (peak)	Accuracy	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Resolution	10mW
Power	Accuracy	±0.4%+(0.4%+0.4%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-360°
Phase Angle	Resolution	1°
	Accuracy	±1°(45-65Hz)*5
	Range	10Hz-5KHz
Frequency	Resolution	0.1Hz
	Accuracy	±0.1%+0.1Hz(10Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4
Other		
Protection	OPP,OCP,OTP	
Interface	GPIB,USB,LAN,RS232,CAN	

Dimension(WxHxD)	37u
Weight	750Kg

^{*1:} Meet the voltage accuracy requirements: Slow loop speed: 10-100Hz; Fast loop speed: 10-5KHz.

- *4: The test frequency accuracy should ensure that the minimum voltage is 30Vac.
- *5: The test mode is Fast.
- *6: The minimum voltage setting must not be less than 50Vdc.
- *7: FS corresponds to the full range: Vdc=424Vdc;Idc=72A;P=9000W;
- *8: The maximum current range is 90% in the parallel mode.

Meet CF=3, the voltage in low range is 90 to 125 Vac and in high range is 180 to 250 Vac.

^{*2:} FS corresponds to the full range: Vrms=300Vac;Irms=144A; Ipk=432A;P=18KVA;

^{*3:} The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).

Para	ameter	IT7628L V1.3
	AC	Input
Vo	oltage	380Vac±10%(Y)
Р	hase	3φ
Fre	quency	47-63Hz
Max	.Current	90A
Powe	er Factor	0.7(Typical)
	AC	Output
Outp	ut Phase	3φ
Max. ou	ıtput power	13.5KVA
Max. output po	wer of each phase	4.5KVA
Volta	ge range	High:2V-300V, Low: 1V-150V, Auto :1V-150V/2V-300V
Voltage	resolution	10mV
Voltage accu	ıracy(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2
Voltage accu	racy(loop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
Temp.	coefficient	$\pm (0.04\%$ per degree from $25^{\circ}\mathrm{C}$)
	RMS	36A/18A
Max.Current(3φ)	Peak(CF=3)	4004/744/7
	90V-125Vac/180-250 Vac	108A/54A(Typical)
Total Harmo	onic Distortion*3	≤0.5% at 15-500Hz (Resistive Load)
Total Hamile	onic Distortion	≤2% at 501-5000Hz (Resistive Load)
Cres	t Factor	3(Typical)
Line R	Regulation	≤0.1%FS(Resistive Load)
Load F	Regulation	≤0.5%FS(Resistive Load)
Dynamic R	esponse Time	≤200us(Typical)
	M	leter
	Range	0-300Vac
A.C. voltore	Resolution	10mV
AC voltage	Accuracy	±(0.2%+0.2%FS)
	Temp. coefficient	±(0.04% per degree from 25°C)
AC current (rms)	Range	0-36Arms

	Resolution	10mA	
	Accuracy	±0.3%+(0.3%+0.3%×Kfreq)×FS*2	
	Temp. coefficient	±(0.04% per degree from 25°C)	
	Range	0-108Apeak	
AC ourrent (neek)	Resolution	10mA	
AC current (peak)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2	
	Temp. coefficient	±(0.04% per degree from 25°C)	
	Resolution	10mW	
Power	Accuracy	±0.4%+(0.4%+0.4%×Kfreq)×FS*2	
	Temp. coefficient	±(0.04% per degree from 25°C)	
	Range	0-360°	
Phase Angle	Resolution	1°	
	Accuracy	±1°(15-65Hz)* ⁵	
	Range	10Hz-5KHz	
Frequency	Resolution	0.1Hz	
	Accuracy	±0.1%+0.1Hz(15Hz-999.9Hz)/±0.1%+1Hz(1KHz -5KHz)* ⁴	
Other			
Protection	OPP,OCP,OTP		
Interface	GPIB,USB,LAN,RS232,CAN		
Dimension(WxH xD)	37u		

^{*1:} Meet the voltage accuracy requirements: Slow loop speed: 15-100Hz; Fast loop speed: 15-5KHz.

^{*2:} FS corresponds to the full range: Vrms=300Vac; Irms=36A; Ipk=108A;P=13.5KVA;

^{*3:} The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).

^{*4:} The test frequency accuracy should ensure that the minimum voltage is 30Vac.

^{*5:} The test mode is Fast.

Parameter		IT7630 V1.1	
AC Input			
Voltage		380Vac±10%(Y)	
Phase		3φ	
Frequenc	СУ	47-63Hz	
Max.Curre	ent	60A×3*9	
Power Fac	ctor	0.7(Typical)	
		AC Output	
Output Pha	ase	3φ	
Max. output p	oower	27KVA	
Max.output power o	f each phase	9KVA	
Voltage rai	nge	High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V	
Voltage reso	lution	10mV	
Voltage accuracy(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2	
Voltage accuracy(l	oop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2	
Temp. coeffi	cient	±(0.04% per degree from 25°C)	
Max.Current(3φ)	RMS	72A/36A	
Max.Current(3φ)	Peak(CF=3)	216A/108A	
Total Harmonic D	victortion*3	≤0.5% at 10-500Hz (Resistive Load)	
Total Harmonic L	1310111011	≤2% at 501-5000Hz (Resistive Load)	
Crest Fac	tor	3	
Line Regula	ation	≤0.1%FS(Resistive Load)	
Load Regula	ation	≤0.5%FS(Resistive Load)	
Dynamic Respo	nse Time	≤200us(Typical)	
		Meter	
	Range	0-300Vac	
	Resolution	10mV	
AC voltage	Accuracy	±(0.2%+0.2%FS)	
	Temp. coefficient	±(0.04% per degree from 25°C)	
AC current (rms)	Range	0-72Arms	
Ao cuirent (iiiis)	Resolution	10mA	

	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-216Apeak
_	Resolution	10mA
AC current (peak)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Resolution	10mW
Power	Accuracy	±0.4%+(0.4%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-360°
Phase Angle	Resolution	1°
	Accuracy	±3°(45-65Hz)* ⁵
	Range	10Hz-5KHz
Frequency	Resolution	0.1Hz
	Accuracy	±0.1%+0.1Hz(10Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4
Other		
Protection	OPP,OCP,OTP	
Interface	GPIB,USB,LAN,RS232,CAN	
Dimension(WxHxD)	24u×3	

^{*1:} Meet the voltage accuracy requirements: Slow loop speed: 10-100Hz; Fast loop speed: 10-5KHz.

^{*2:} FS corresponds to the full range: Vrms=300Vac; Irms=72A; Ipk=216A; P=27KVA;

^{*3:} The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).

^{*4:} The test frequency accuracy should ensure that the minimum voltage is 30Vac.

^{*5:} The test mode is Fast.

^{*6:} The minimum voltage setting must not be less than 50Vdc.

^{*8:} The maximum current range is 90% in the parallel mode.

^{*9:} Three power supplies with 18KVA, max. 3φ input current of each power supply is 60A.

Parameter		IT7632 V1.1
		AC Input
Voltage		380Vac±10%(Y)
Phase		3φ
Frequenc	СУ	47-63Hz
Max.Curre	ent	120A×3 ^{*9}
Power Fac	ctor	0.7(Typical)
		AC Output
Output Pha	ase	3φ
Max. output p	oower	36KVA
Max.output power o	f each phase	12KVA
Voltage rai	nge	High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V
Voltage reso	lution	10mV
Voltage accuracy(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2
Voltage accuracy(l	oop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
Temp. coeffi	cient	±(0.04% per degree from 25°C)
Max.Current(3φ)	RMS	96A/48A
Max.Current(3φ)	Peak(CF=3)	288A/144A
Total Harmonic D	victortion*3	≤0.5% at 10-500Hz (Resistive Load)
Total Harmonic L	1310111011	≤2% at 501-5000Hz (Resistive Load)
Crest Fac	tor	3
Line Regula	ation	≤0.1%FS(Resistive Load)
Load Regula	ation	≤0.5%FS(Resistive Load)
Dynamic Response Time		≤200us(Typical)
		Meter
	Range	0-300Vac
	Resolution	10mV
AC voltage	Accuracy	±(0.2%+0.2%FS)
	Temp. coefficient	±(0.04% per degree from 25°C)
AC current (rms)	Range	0-96Arms
Ao cuirent (iiiis)	Resolution	10mA

	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-288Apeak
	Resolution	10mA
AC current (peak)	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Resolution	10mW
Power	Accuracy	±0.4%+(0.4%+0.2%×Kfreq)×FS*2
	Temp. coefficient	±(0.04% per degree from 25°C)
	Range	0-360°
Phase Angle	Resolution	1°
	Accuracy	±3°(45-65Hz)* ⁵
	Range	10Hz-5KHz
Frequency	Resolution	0.1Hz
	Accuracy	±0.1%+0.1Hz(10Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4
Other		
Protection	OPP,OCP,OTP	
Interface	GPIB,USB,LAN,RS232,CAN	
Dimension(WxHxD)	24u×3	

^{*1:} Meet the voltage accuracy requirements: Slow loop speed: 10-100Hz; Fast loop speed: 10-5KHz.

^{*2:} FS corresponds to the full range: Vrms=300Vac; Irms=96A; Ipk=288A; P=36KVA;

^{*3:} The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).

^{*4:} The test frequency accuracy should ensure that the minimum voltage is 30Vac.

^{*5:} The test mode is Fast.

^{*6:} The minimum voltage setting must not be less than 50Vdc.

^{*8:} The maximum current range is 90% in the parallel mode.

^{*9:} Three power supplies with 12KVA, max. 3φ input current of each power supply is 120A.

Parameter		IT7634 V1.1
		AC Input
Voltage		380Vac±10%(Y)
Phase		3φ
Frequency		47-63Hz
Max.Current		120A×3*9
Power Factor		0.7(Typical)
		AC Output
Output Phase		3φ
Max. output p	ower	45KVA
Max.output power of	each phase	15KVA
Voltage range		High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V
Voltage resolution		10mV
Voltage accuracy(l	oop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2
Voltage accuracy(lo	oop:slow)*1	±0.3%+(0.3%+0.3%×Kfreq)×FS*2
Temp. coefficient		$\pm (0.04\%$ per degree from 25° C)
Max.Current(3φ)	RMS	120A/60A
Max.Current(3φ)	Peak(CF=3)	360A/180A
Total Harmonic D	istortion*3	≤0.5% at 10-500Hz (Resistive Load)
Total Harmonic Distortion*3		≤2% at 501-5000Hz (Resistive Load)
Crest Factor		3
Line Regulation		≤0.1%FS(Resistive Load)
Load Regulation		≤0.5%FS(Resistive Load)
Dynamic Response Time		≤200us(Typical)
		Meter
	Range	0-300Vac
	Resolution	10mV
AC voltage	Accuracy	±(0.2%+0.2%FS)
	Temp. coefficient	±(0.04% per degree from 25°C)
AC current (rms)	Range	0-120Arms
	Resolution	10mA

	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2		
	Temp. coefficient	±(0.04% per degree from 25°C)		
	Range	0-360Apeak		
AC current (peak) Power	Resolution	10mA		
	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2		
	Temp. coefficient	±(0.04% per degree from 25°C)		
	Resolution	10mW		
	Accuracy	±0.4%+(0.4%+0.2%×Kfreq)×FS*2		
Phase Angle	Temp. coefficient	±(0.04% per degree from 25°C)		
	Range	0-360°		
	Resolution	1°		
	Accuracy	±3°(45-65Hz)* ⁵		
Frequency	Range	10Hz-5KHz		
	Resolution	0.1Hz		
	Accuracy	±0.1%+0.1Hz(10Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4		
Other				
Protection	OPP,OCP,OTP			
Interface	GPIB,USB,LAN,RS232,CAN			
Dimension(WxHxD)	37u×3			

^{*1:} Meet the voltage accuracy requirements: Slow loop speed: 10-100Hz; Fast loop speed: 10-5KHz.

^{*2:} FS corresponds to the full range: Vrms=300Vac; Irms=120A; Ipk=360A; P=45KVA;

^{*3:} The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).

^{*4:} The test frequency accuracy should ensure that the minimum voltage is 30Vac.

^{*5:} The test mode is Fast.

^{*6:} The minimum voltage setting must not be less than 50Vdc.

^{*8:} The maximum current range is 90% in the parallel mode.

^{*9:} Three power supplies with 18KVA, max. 3φ input current of each power supply is 120A.

Parameter		IT7636 V1.1		
		AC Input		
Voltage		380Vac±10%(Y)		
Phase		3φ		
Frequency		47-63Hz		
Max.Curr	ent	120A×3* ⁹		
Power Factor		0.7(Typical)		
AC Output				
Output Ph	ase	3φ		
Max. output power		54KVA		
Max.output power of each phase		18KVA		
Voltage range		High:2V-300V, Low:1V-150V, Auto:1V-150V/2V-300V		
Voltage resolution		10mV		
Voltage accuracy(loop:fast)*1	±0.2%+(0.2%+0.2%×Kfreq)×FS*2		
Voltage accuracy(loop:slow)*1		±0.3%+(0.3%+0.3%×Kfreq)×FS*2		
Temp. coefficient		±(0.04% per degree from 25°C)		
Max.Current(3φ)	RMS	144A/72A		
Max.Current(5φ)	Peak(CF=3)	432A/216A		
Total Harmonic Distortion*3		≤0.5% at 10-500Hz (Resistive Load)		
		≤2% at 501-5000Hz (Resistive Load)		
Crest Factor		3		
Line Regulation		≤0.1%FS(Resistive Load)		
Load Regulation		≤0.5%FS(Resistive Load)		
Dynamic Response Time		≤200us(Typical)		
Meter				
	Range	0-300Vac		
	Resolution	10mV		
AC voltage	Accuracy	±(0.2%+0.2%FS)		
	Temp. coefficient	±(0.04% per degree from 25°C)		
AC current (rms)	Range	0-144Arms		
	Resolution	10mA		

	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2		
	Temp. coefficient	±(0.04% per degree from 25°C)		
	Range	0-432Apeak		
AC current (peak) Power	Resolution	10mA		
	Accuracy	±0.3%+(0.3%+0.2%×Kfreq)×FS*2		
	Temp. coefficient	±(0.04% per degree from 25°C)		
	Resolution	10mW		
	Accuracy	±0.4%+(0.4%+0.2%×Kfreq)×FS*2		
Phase Angle	Temp. coefficient	±(0.04% per degree from 25°C)		
	Range	0-360°		
	Resolution	1°		
	Accuracy	±3°(45-65Hz)* ⁵		
Frequency	Range	10Hz-5KHz		
	Resolution	0.1Hz		
	Accuracy	±0.1%+0.1Hz(10Hz-999.9Hz)/±0.1%+1Hz(1KHz-5KHz)*4		
Other				
Protection	OPP,OCP,OTP			
Interface	GPIB,USB,LAN,RS232,CAN			
Dimension(WxHxD)	37u×3			

^{*1:} Meet the voltage accuracy requirements: Slow loop speed: 10-100Hz; Fast loop speed: 10-5KHz.

- *4: The test frequency accuracy should ensure that the minimum voltage is 30Vac.
- *5: The test mode is Fast.
- *6: The minimum voltage setting must not be less than 50Vdc.
- *8: The maximum current range is 90% in the parallel mode.
- *9: Three power supplies with 18KVA, max. 3φ input current of each power supply is 120A.



^{*2:} FS corresponds to the full range: Vrms=300Vac; Irms=144A; Ipk=432A; P=54KVA;

^{*3:} The minimum voltage of THD test is 10Vac (Auto mode) and 20Vac (High mode).