

Product Datasheet - Technical Specifications



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Chapter4 Specification

This chapter will introduce the main technical parameters of IT7300, such as rated voltage/current/power and so on. Besides, this part will introduce the working environment and storage temperature.

4.1 Specification

Model		IT7321
INPUT		
Phase		1
Voltage		220Vac±10% or 110Vac±10%
Frequency		47-63Hz
Max.Current		6.3A(220Vac) or 10A(110Vac)
Power Factor		0.5(typical)
AC OUTPUT		
Max.Power		300VA
Max Current(rms)	0-150V	3A
	0-300V	1.5A
Max Current(peak)	0-150V	9A
	0-300V	4.5A
Phase		1Φ/2W
Total Harmonic Distortion(T.H.D)		≤0.5% at 45-500Hz (Resistive Load)
Crest Factor		3
Line Regulation		0.1% max for a ±10% line change
Load Regulation		≤0.5%FS(Resistive Load)
Response Time		<100uS
SETTING		
Voltage	Range	0-300V High, 150/300V Auto
	Resolution	0.1V
	Accuracy	±(0.2%+0.6V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
Phase Angle	Range	0-360°
	Resolution	0.1°
	Accuracy	±1°(45-65Hz)
MEASUREMENT		
Voltage(rms)	Range	0-300V

	Resolution	0.1V
	Accuracy	$\pm(0.2\%+0.6V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:3.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
Accuracy	L: $\pm(0.2\%+0.6mA)$	
	M: $\pm(0.2\%+6mA)$	
	H: $\pm(0.2\%+40mA)$	
Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)	
Current(peak)	Range	0-12A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36A)$
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2W)$ (47HZ-65HZ)
		M: $\pm(0.2\%+2W)$ (47HZ-65HZ)
Temp. coefficient	H: $\pm(0.2\%+4W)$ (47HZ-65HZ)	
Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)	
GENERAL		
Memory	10 memories	
Sync Output Signal	Output Signal 5V,BNC type	
Interface	LAN,USB,RS232	
Operation Environment	0-40°C/20-80%RH	
Dimension	1/2 19" 2U	
Weight	10Kg	

Model	IT7322
INPUT	
Phase	1
Voltage	220Vac \pm 10% or 110Vac \pm 10%
Frequency	47-63Hz
Max.Current	15A(220Vac) or 30A(110Vac)
Power Factor	0.7(typical)
AC OUTPUT	
Max.Power	750VA

Max Current(rms)	0-150V	6A
	0-300V	3A
Max Current(peak)	0-150V	18A
	0-300V	9A
Phase		1Φ/2W
Total Harmonic Distortion(T.H.D)		≤0.5% at 45-500Hz (Resistive Load)
Crest Factor		3
Line Regulation		0.1% max for a ±10% line change
Load Regulation		≤0.5%FS(Resistive Load)
Response Time		<100uS
SETTING		
Voltage	Range	0-300V High, 150/300V Auto
	Resolution	0.1V
	Accuracy	±(0.2%+0.6V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
Phase Angle	Range	0-360°
	Resolution	0.1°
	Accuracy	±1°(45-65Hz)
MEASUREMENT		
Voltage(rms)	Range	0-300V
	Resolution	0.1V
	Accuracy	±(0.2%+0.6V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:6.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
Accuracy	L:±(0.2%+0.6mA)	
	M:±(0.2%+6mA)	
	H:±(0.2%+60mA)	
Temp. coefficient	±(0.04% per degree from 25°C)	
Current(peak)	Range	0-18A
	Resolution	0.01A
	Accuracy	±(1%+0.36A)
	Temp. coefficient	±(0.05% per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
Accuracy	L:±(0.2%+0.2W) (47HZ-65HZ)	

		M:±(0.2%+2W) (47HZ-65HZ)
		H:±(0.2%+6W) (47HZ-65HZ)
	Temp. coefficient	±(0.05% per degree from 25°C)
GENERAL		
Memory	10 memories	
Sync Output Signal	Output Signal 5V,BNC type	
Interface	LAN,USB,RS232,GPIB	
Operation Environment	0-40°C/20-80%RH	
Dimension	19" 3U	
Weight	37Kg	

Model		IT7322H
INPUT		
Phase	1	
Voltage	220Vac±10% or 110Vac±10%	
Frequency	47-63Hz	
Max.Current	20A(220Vac) or 40A(110Vac)	
Power Factor	0.7(typical)	
AC OUTPUT		
Max.Power	750VA	
Max Current(rms)	0-250V	3A
	0-500V	1.5A
Max Current(peak)	0-250V	9A
	0-500V	4.5A
Phase	1Φ/2W	
Total Harmonic Distortion(T.H.D)	≤1% at 45-500Hz (Resistive Load)	
Crest Factor	≤3	
Line Regulation	0.1% max for a ±10% line change	
Load Regulation	≤0.5%FS(Resistive Load)	
Response Time	<100uS	
SETTING		
Voltage	Range	0-500V High, 250/500V Auto
	Resolution	0.1V
	Accuracy	±(0.2%+1.2V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
Phase Angle	Range	0-360°
	Resolution	0.1°

	Accuracy	$\pm 1^\circ$ (45-65Hz)
MEASUREMENT		
Voltage(rms)	Range	0-500V
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+1.2V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:3.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
	Accuracy	L: $\pm(0.2\%+0.6mA)$
M: $\pm(0.2\%+6mA)$		
H: $\pm(0.2\%+40mA)$		
Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)	
Current(peak)	Range	0-9A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36A)$
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2W)$ (47HZ-65HZ)
		M: $\pm(0.2\%+2W)$ (47HZ-65HZ)
Temp. coefficient	H: $\pm(0.2\%+6W)$ (47HZ-65HZ)	
		$\pm(0.05\%$ per degree from 25°C)
GENERAL		
Memory		10 memories
Sync Output Signal		Output Signal 5V,BNC type
Interface		LAN,USB,RS232,GPIB
Operation Environment		0-40°C/20-80%RH
Dimension		19" 3U
Weight		37Kg

Model	IT7324
INPUT	
Phase	1
Voltage	220Vac $\pm 10\%$ or 110Vac $\pm 10\%$
Frequency	47-63Hz
Max.Current	30A(220Vac) or 60A(110Vac)

Power Factor	0.7(typical)	
AC OUTPUT		
Max.Power	1500VA	
Max Current(rms)	0-150V	12A
	0-300V	6A
Max Current(peak)	0-150V	36A
	0-300V	18A
Phase	1 Φ /2W	
Total Harmonic Distortion(T.H.D)	$\leq 0.5\%$ at 45-500Hz (Resistive Load)	
Crest Factor	3	
Line Regulation	0.1% max for a $\pm 10\%$ line change	
Load Regulation	$\leq 0.5\%$ FS(Resistive Load)	
Response Time	<100uS	
SETTING		
Voltage	Range	0-300V High, 150/300V Auto
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+0.6V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
Phase Angle	Range	0-360°
	Resolution	0.1°
	Accuracy	$\pm 1^\circ$ (45-65Hz)
MEASUREMENT		
Voltage(rms)	Range	0-300V
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+0.6V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:12.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
	Accuracy	L: $\pm(0.2\%+0.6mA)$
M: $\pm(0.2\%+6mA)$		
H: $\pm(0.2\%+80mA)$		
Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)	
Current(peak)	Range	0-48A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36A)$

	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2W)$ (47HZ-65HZ)
M: $\pm(0.2\%+2W)$ (47HZ-65HZ)		
		H: $\pm(0.2\%+10W)$ (47HZ-65HZ)
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
GENERAL		
Memory		10 memories
Sync Output Signal		Output Signal 5V,BNC type
Interface		LAN,USB,RS232,GPIB
Operation Environment		0-40°C/20-80%RH
Dimension		19" 3U
Weight		48Kg

Model		IT7324H
INPUT		
Phase		1
Voltage		220Vac \pm 10% or 110Vac \pm 10%
Frequency		47-63Hz
Max.Current		30A(220Vac) or 60A(110Vac)
Power Factor		0.7(typical)
AC OUTPUT		
Max.Power		1500VA
Max Current(rms)	0-250V	6A
	0-500V	3A
Max Current(peak)	0-250V	18A
	0-500V	9A
Phase		1 Φ /2W
Total Harmonic Distortion(T.H.D)		\leq 1% at 45-500Hz (Resistive Load)
Crest Factor		3
Line Regulation		0.1% max for a \pm 10% line change
Load Regulation		\leq 0.5%FS(Resistive Load)
Response Time		<100uS
SETTING		
Voltage	Range	0-500V High, 250/500V Auto
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+1.2V)$

	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
Phase Angle	Range	0-360°
	Resolution	0.1°
	Accuracy	$\pm 1^\circ(45-65\text{Hz})$
MEASUREMENT		
Voltage(rms)	Range	0-500V
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+1.2\text{V})$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:6.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
Accuracy	L: $\pm(0.2\%+0.6\text{mA})$	
	M: $\pm(0.2\%+6\text{mA})$	
	H: $\pm(0.2\%+60\text{mA})$	
Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)	
Current(peak)	Range	0-24A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36\text{A})$
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2\text{W})$ (47HZ-65HZ)
		M: $\pm(0.2\%+2\text{W})$ (47HZ-65HZ)
Temp. coefficient	H: $\pm(0.2\%+10\text{W})$ (47HZ-65HZ)	
GENERAL		
Memory	10 memories	
Sync Output Signal	Output Signal 5V,BNC type	
Interface	LAN,USB,RS232,GPIB	
Operation Environment	0-40°C/20-80%RH	
Dimension	19" 3U	
Weight	37Kg	

Model	IT7326
INPUT	

Phase	1	
Voltage	220Vac±10%	
Frequency	47-63Hz	
Max.Current	60A	
Power Factor	0.7(typical)	
AC OUTPUT		
Max.Power	3000VA	
Max Current(rms)	0-150V	24A
	0-300V	12A
Max Current(peak)	0-150V	72A
	0-300V	36A
Phase	1Φ/2W	
Total Harmonic Distortion(T.H.D)	≤0.5% at 45-500Hz (Resistive Load)	
Crest Factor	3	
Line Regulation	0.1% max for a ±10% line change	
Load Regulation	≤0.5%FS(Resistive Load)	
Response Time	<100uS	
SETTING		
Voltage	Range	0-300V High, 150/300V Auto
	Resolution	0.1V
	Accuracy	±(0.2%+0.6V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
Phase Angle	Range	0-360°
	Resolution	0.1°
	Accuracy	±1°(45-65Hz)
MEASUREMENT		
Voltage(rms)	Range	0-300V
	Resolution	0.1V
	Accuracy	±(0.2%+0.6V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:24.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
	Accuracy	L:±(0.2%+0.6mA)
M:±(0.2%+6mA)		
H:±(0.2%+0.1A)		
Temp. coefficient	±(0.04% per degree from 25°C)	

Current(peak)	Range	0-96A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36A)$
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2W)$ (47HZ-65HZ)
M: $\pm(0.2\%+2W)$ (47HZ-65HZ)		
H: $\pm(0.2\%+15W)$ (47HZ-65HZ)		
Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)	
GENERAL		
Memory	10 memories	
Sync Output Signal	Output Signal 5V,BNC type	
Interface	LAN,USB,RS232,GPIB	
Operation Environment	0-40°C/20-80%RH	
Dimension	19" 6U	
Weight	103Kg	

Model		IT7326H
INPUT		
Phase	1	
Voltage	220Vac \pm 10%	
Frequency	47-63Hz	
Max.Current	60A	
Power Factor	0.7(typical)	
AC OUTPUT		
Max.Power	3000VA	
Max Current(rms)	0-250V	12A
	0-500V	6A
Max Current(peak)	0-250V	36A
	0-500V	18A
Phase	1 Φ /2W	
Total Harmonic Distortion(T.H.D)	\leq 1% at 45-500Hz (Resistive Load)	
Crest Factor	3	
Line Regulation	0.1% max for a \pm 10% line change	
Load Regulation	\leq 0.5%FS(Resistive Load)	
Response Time	<100uS	

SETTING		
Voltage	Range	0-500V High, 250/500V Auto
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+1.2V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
Phase Angle	Range	0-360°
	Resolution	0.1°
	Accuracy	$\pm 1^\circ(45-65Hz)$
MEASUREMENT		
Voltage(rms)	Range	0-500V
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+1.2V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:12.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
Accuracy	L: $\pm(0.2\%+0.6mA)$	
	M: $\pm(0.2\%+6mA)$	
	H: $\pm(0.2\%+60mA)$	
Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)	
Current(peak)	Range	0-48A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36A)$
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2W)$ (47HZ-65HZ)
		M: $\pm(0.2\%+2W)$ (47HZ-65HZ)
Temp. coefficient	H: $\pm(0.2\%+10W)$ (47HZ-65HZ)	
Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)	
GENERAL		
Memory	10 memories	
Sync Output Signal	Output Signal 5V,BNC type	
Interface	LAN,USB,RS232,GPIB	
Operation Environment	0-40°C/20-80%RH	
Dimension	19" 6U	
Weight	103Kg	

Model		IT7322T
INPUT		
Phase		3
Voltage		380Vac±10%(Y)
Frequency		47-63Hz
Max.Current		15A
Power Factor		0.7(typical)
AC OUTPUT		
Max.Power		2250VA
Max Current(rms)	0-150V	6A
	0-300V	3A
Max Current(peak)	0-150V	18A
	0-300V	9A
Phase		3φ
Total Harmonic Distortion(T.H.D)		≤0.5% at 45-500Hz (Resistive Load)
Crest Factor		3
Line Regulation		0.1% max for a ±10% line change
Load Regulation		≤0.5%FS(Resistive Load)
Response Time		<100uS
SETTING		
Voltage	Range	0-300V High, 150/300V Auto
	Resolution	0.1V
	Accuracy	±(0.2%+0.6V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
MEASUREMENT		
Voltage(rms)	Range	0-300V
	Resolution	0.1V
	Accuracy	±(0.2%+0.6V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:6.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
Accuracy	L:±(0.2%+0.6mA)	
	M:±(0.2%+6mA)	

		H:±(0.2%+0.1A)
	Temp. coefficient	±(0.04% per degree from 25°C)
Current(peak)	Range	0-18A
	Resolution	0.01A
	Accuracy	±(1%+0.36A)
	Temp. coefficient	±(0.05% per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L:±(0.2%+0.2W) (47HZ-65HZ)
		M:±(0.2%+2W) (47HZ-65HZ)
Temp. coefficient	H:±(0.2%+15W) (47HZ-65HZ)	
		±(0.05% per degree from 25°C)
GENERAL		
Memory		10 memories
Sync Output Signal		Output Signal 5V,BNC type
Interface		LAN,USB,RS232,GPIB
Operation Environment		0-40°C/20-80%RH
Dimension		15U
Weight		150Kg

Model		IT7322HT
INPUT		
Phase		3
Voltage		380Vac±10%(Y)
Frequency		47-63Hz
Max.Current		15A
Power Factor		0.7(typical)
AC OUTPUT		
Max.Power		2250VA
Max Current(rms)	0-250V	3A
	0-500V	1.5A
Max Current(peak)	0-250V	9A
	0-500V	4.5A
Phase		3φ
Total Harmonic Distortion(T.H.D)		≤1% at 45-500Hz (Resistive Load)
Crest Factor		3
Line Regulation		0.1% max for a ±10% line change
Load Regulation		≤0.5%FS(Resistive Load)

Response Time		<100uS
SETTING		
Voltage	Range	0-500V High, 250/500V Auto
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+1.2V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
MEASUREMENT		
Voltage(rms)	Range	0-500V
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+1.2V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:3.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
	Accuracy	L: $\pm(0.2\%+0.6mA)$
M: $\pm(0.2\%+6mA)$		
H: $\pm(0.2\%+60mA)$		
Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)	
Current(peak)	Range	0-9A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36A)$
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2W)$ (47HZ-65HZ)
		M: $\pm(0.2\%+2W)$ (47HZ-65HZ)
Temp. coefficient	H: $\pm(0.2\%+10W)$ (47HZ-65HZ)	
GENERAL		
Memory		10 memories
Sync Output Signal		Output Signal 5V,BNC type
Interface		LAN,USB,RS232,GPIB
Operation Environment		0-40°C/20-80%RH
Dimension		15U
Weight		150Kg

Model		IT7324T
INPUT		
Phase		3
Voltage		380Vac±10%(Y)
Frequency		47-63Hz
Max.Current		30A
Power Factor		0.7(typical)
AC OUTPUT		
Max.Power		4500VA
Max Current(rms)	0-150V	12A
	0-300V	6A
Max Current(peak)	0-150V	36A
	0-300V	18A
Phase		3 φ
Total Harmonic Distortion(T.H.D)		≤0.5% at 45-500Hz (Resistive Load)
Crest Factor		3
Line Regulation		0.1% max for a ±10% line change
Load Regulation		≤0.5%FS(Resistive Load)
Response Time		<100uS
SETTING		
Voltage	Range	0-300V High, 150/300V Auto
	Resolution	0.1V
	Accuracy	±(0.2%+0.6V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
MEASUREMENT		
Voltage(rms)	Range	0-300V
	Resolution	0.1V
	Accuracy	±(0.2%+0.6V)
	Temp. coefficient	±(0.04% per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:12.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
Accuracy	L:±(0.2%+0.6mA)	
	M:±(0.2%+6mA)	

		H: $\pm(0.2\%+0.1A)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Current(peak)	Range	0-36A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36A)$
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2W)$ (47HZ-65HZ)
		M: $\pm(0.2\%+2W)$ (47HZ-65HZ)
Temp. coefficient	H: $\pm(0.2\%+15W)$ (47HZ-65HZ)	
		$\pm(0.05\%$ per degree from 25°C)
GENERAL		
Memory		10 memories
Sync Output Signal		Output Signal 5V,BNC type
Interface		LAN,USB,RS232,GPIB
Operation Environment		0-40°C/20-80%RH
Dimension		15U
Weight		201Kg

Model	IT7324HT	
INPUT		
Phase	3	
Voltage	380Vac \pm 10%(Y)	
Frequency	47-63Hz	
Max.Current	30A	
Power Factor	0.7(typical)	
AC OUTPUT		
Max.Power	4500VA	
Max Current(rms)	0-250V	6A
	0-500V	3A
Max Current(peak)	0-250V	18A
	0-500V	9A
Phase	3 ϕ	
Total Harmonic Distortion(T.H.D)	\leq 1% at 45-500Hz (Resistive Load)	
Crest Factor	3	
Line Regulation	0.1% max for a \pm 10% line change	

Load Regulation		$\leq 0.5\%FS$ (Resistive Load)
Response Time		<100uS
SETTING		
Voltage	Range	0-500V High, 250/500V Auto
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+1.2V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
MEASUREMENT		
Voltage(rms)	Range	0-500V
	Resolution	0.1V
	Accuracy	$\pm(0.2\%+1.2V)$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:6.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
Accuracy	L: $\pm(0.2\%+0.6mA)$	
	M: $\pm(0.2\%+6mA)$	
	H: $\pm(0.2\%+60mA)$	
Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)	
Current(peak)	Range	0-18A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36A)$
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2W)$ (47HZ-65HZ)
		M: $\pm(0.2\%+2W)$ (47HZ-65HZ)
Temp. coefficient	H: $\pm(0.2\%+10W)$ (47HZ-65HZ)	
Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)	
GENERAL		
Memory		10 memories
Sync Output Signal		Output Signal 5V,BNC type
Interface		LAN,USB,RS232,GPIB
Operation Environment		0-40°C/20-80%RH

Dimension	15U
Weight	201Kg

Model		IT7326T
INPUT		
Phase		3
Voltage		380Vac \pm 10%(Y)
Frequency		47-63Hz
Max.Current		60A
Power Factor		0.7(typical)
AC OUTPUT		
Max.Power		9000VA
Max Current(rms)	0-150V	24A
	0-300V	12A
Max Current(peak)	0-150V	72A
	0-300V	36A
Phase		3 ϕ
Total Harmonic Distortion(T.H.D)		\leq 0.5% at 45-500Hz (Resistive Load)
Crest Factor		3
Line Regulation		0.1% max for a \pm 10% line change
Load Regulation		\leq 0.5%FS(Resistive Load)
Response Time		<100uS
SETTING		
Voltage	Range	0-300V High, 150/300V Auto
	Resolution	0.1V
	Accuracy	\pm (0.2%+0.6V)
	Temp. coefficient	\pm (0.04% per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
MEASUREMENT		
Voltage(rms)	Range	0-300V
	Resolution	0.1V
	Accuracy	\pm (0.2%+0.6V)
	Temp. coefficient	\pm (0.04% per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:24.00A *
	Resolution	L:0.1mA

	Accuracy	M:1mA
		H:10mA
		L: $\pm(0.2\%+0.6\text{mA})$
		M: $\pm(0.2\%+6\text{mA})$
		H: $\pm(0.2\%+0.1\text{A})$
	Temp. coefficient	$\pm(0.04\%$ per degree from 25°C)
Current(peak)	Range	0-72A
	Resolution	0.01A
	Accuracy	$\pm(1\%+0.36\text{A})$
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm(0.2\%+0.2\text{W})$ (47HZ-65HZ)
		M: $\pm(0.2\%+2\text{W})$ (47HZ-65HZ)
	H: $\pm(0.2\%+15\text{W})$ (47HZ-65HZ)	
	Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)
GENERAL		
Memory	10 memories	
Sync Output Signal	Output Signal 5V,BNC type	
Interface	LAN,USB,RS232,GPIB	
Operation Environment	0-40°C/20-80%RH	
Dimension	27U	
Weight	396Kg	

Model	IT7326HT	
INPUT		
Phase	3	
Voltage	380Vac \pm 10%(Y)	
Frequency	47-63Hz	
Max.Current	60A	
Power Factor	0.7(typical)	
AC OUTPUT		
Max.Power	9000VA	
Max Current(rms)	0-250V	12A
	0-500V	6A
Max Current(peak)	0-250V	36A
	0-500V	18A
Phase	3 ϕ	

Total Harmonic Distortion(T.H.D)		$\leq 1\%$ at 45-500Hz (Resistive Load)
Crest Factor		3
Line Regulation		0.1% max for a $\pm 10\%$ line change
Load Regulation		$\leq 0.5\%FS$ (Resistive Load)
Response Time		<100uS
SETTING		
Voltage	Range	0-500V High, 250/500V Auto
	Resolution	0.1V
	Accuracy	$\pm (0.2\%+1.2V)$
	Temp. coefficient	$\pm (0.04\%$ per degree from 25°C)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1Hz
MEASUREMENT		
Voltage(rms)	Range	0-500V
	Resolution	0.1V
	Accuracy	$\pm (0.2\%+0.6V)$
	Temp. coefficient	$\pm (0.04\%$ per degree from 25°C)
Current(rms)	Range	L:120.0mA *
		M:1.200A *
		H:12.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
Accuracy	L: $\pm (0.2\%+0.6mA)$	
	M: $\pm (0.2\%+6mA)$	
	H: $\pm (0.2\%+0.1A)$	
Temp. coefficient	$\pm (0.04\%$ per degree from 25°C)	
Current(peak)	Range	0-36A
	Resolution	0.01A
	Accuracy	$\pm (1\%+0.36A)$
	Temp. coefficient	$\pm (0.05\%$ per degree from 25°C)
Power	Resolution	L:0.01W
		M:0.1W
		H:1W
	Accuracy	L: $\pm (0.2\%+0.2W)$ (47HZ-65HZ)
		M: $\pm (0.2\%+2W)$ (47HZ-65HZ)
Temp. coefficient	H: $\pm (0.2\%+15W)$ (47HZ-65HZ)	
GENERAL		

Memory	10 memories
Sync Output Signal	Output Signal 5V,BNC type
Interface	LAN,USB,RS232,GPIB
Operation Environment	0-40°C/20-80%RH
Dimension	27U
Weight	396Kg

*Description about the switch of current range:

When $I_{peak} > 300\%$ (Full rms), the current switch from low range to high range (L to M, M to H).

When $I_{peak} < 20\%$ (Full rms), the current switch from high range to low range (M to L).

When $I_{peak} < 80\%$ (**3Arms**), the current switch from high range to Middle range (H to M).

The above specifications may be subject to change without prior notice.

4.2 Supplemental Characteristics

- State storage capacity
10sets
- Recommended calibration frequency
once a year
- Cooling style
fans