



**IT7322TAC power supply**

- 45HZ~500HZ programmable AC power supply;
- Simultaneously display Vrms, Irms, HZ, PF, W, VA
- Starting/End phase angle can be set
- Auto-range of current testing, able to test green-energy power supply
- High light vacuum VFD display
- Function keys in LED
- High resolution and precision, and high stability
- Output with switch to control
- OCP, Over-load protection, OVP, OTP
- Intelligent fan cooling, low noise
- Built-in GPIB ,USB, RS232 communication interfaces ;
- Software control by PC
- Can be calibrated through software
- Can be adjusted by rotary knob

IT7322T		V1
Model		IT7322T
<b>INPUT</b>		
Phase		3-phase
Voltage		380Vac±10%(Y)
Frequency		47-63Hz
Max.Current		15A
Power Factor		0.7(typical)
<b>AC OUTPUT</b>		
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
<b>SETTING</b>		
Voltage	Range	0-300V High, 150/300V Auto
	Resolution	0.1V
	Accuracy	±(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
<b>MEASUREMENT</b>		
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:1.2A *
		H:6.00A *
	Resolution	L:0.1mA
		M:1mA
		H:10mA
	Accuracy	L: $\pm(0.2\%+0.6mA)$
M: $\pm(0.2\%+6mA)$		
H: $\pm(0.2\%+0.1A)$		
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)
H: $\pm(0.2\%+15W)$ (47HZ-65HZ)		
Temp. coefficient	$\pm(0.05\%$ per degree from 25°C)	
<b>GENERAL</b>		
Memory	10 memories	
Sync Output Signal	Output Signal 5V,BNC type	
Interface(Optional)	LAN,USB,RS232,GPIB	
Operation Environment	0-40°C/20-80%RH	
Dimension	15U	
Weight	150Kg	

\* is for current stage introduction: from low to high current (L to M, M to H), when  $I_{peak} > 300\%$ (Full rms);  
From high to low (M to L) when  $I_{peak} < 20\%$ (Full rms);  
From H to M, when  $I_{peak} < 80\%$ (3A rms);

Specification subject to change without notification