

T200A

Universal Tester



Specifications

High power AC current output (I1)

Range	0.5A~20A	10~250A	
Accuracy		±0.5%	
Output voltage	130V~100V	10V~8V	
Power	2000VA(20A)	2000VA(250A)	
Load time			
Output	250A	50A	<50A
Time	120s	3000s	continuous

High power AC voltage output (U1)

Range	10~500V		
Accuracy	±0.5%		
Power	1200VA(400V)		
Load time	<1A :	continuous	
	1~3A :	Max 60min	

High power DC voltage output (Udc)

Range	10~300V		
Accuracy	±0.5%		
Power (300V)	750W(300V)		
Load time	Output :	<1A	>1A
Time :		continuous	Max 60min

Auxiliary DC voltage output (Aux Udc)

Range	20~240V		
Accuracy	±1%		
Power	55W at 110V/110W at 220V		
Load time	continuous at 0.5A		

AC/DC current output (I2)

Mode	AC output	DC output	
Range	0~20A	0~20A	
Accuracy	±0.5%	±0.5%	
Power(20A)	200VA	200W	
Frequency	20~100Hz	—	
Phase angle	0~360°	—	
Phase angle accuracy	0.5°	—	
Distortion 1A~20A	<0.5%	—	
Transient response		500µs	
Load time	20A :	60s	
	10A :	240s	
	<10A :	continuous	
Harmonic(2nd,3rd,5th,7th)accuracy		1%	

AC/DC voltage output (U2)

Mode	AC output	DC output	
Range	0~120V	0~120V	
Accuracy	±0.5%	±0.5%	
Power(120V)	60VA	80W	
Frequency	20~100Hz	—	
Phase angle	0~360°	—	
Phase angle accuracy	0.5°	—	
Distortion 5V~120V	<0.5%	—	
Transient response	500 µ s	500 µ s	

High precision AC/DC current output (I3)

Mode	AC output	DC output
Range	0~200mA	0~200mA
Accuracy	±0.5%	±0.5%
Power(200mA)	3VA	3W
Frequency	20~100Hz	—

Binary inputs

Number	2	
Input characteristics	30~250V DC, or dry contact	
Time resolution	±1ms(0.001~1s)	±0.1%(1~9999.999s)
Max. measuring time	9999.999s	

Binary output

Number	1	
Type	Potential free relay contacts	
Break capacity AC	Vmax 250V AC / Imax 8A / Pmax 2000VA	
Break capacity DC	Vmax 250V DC / Imax 8A / Pmax 150W	

Power supply

Nominal input voltage	110/220Vac
Permissible tolerance	-20% ~+15%
Nominal frequency	50/60Hz
Permissible frequency	45~65Hz

Voltmeter

Range	0~600V AC/DC
Accuracy	±1%

Ammeter

Range	0~6A AC/DC
Accuracy	±1%

Certificates

EMC (Emission)	IEC-61000-3-2/3
EMC (Immunity)	IEC 61000-4-2/3/4/5/6/11
Safety	IEC 61010-1

Others

Operation temperatur	-5 ~ +45°C
Operation humidity	5 ~95 %, non-condensing
Weight	23kg
Dimensions (W×H×D)	440 mm×255mm×255 mm
PC connection	USB
Ground Socket (earth)	4 mm banana socket; front side