

L336i Universal Test System



AC Current outputs

Control	Independent control of amplitude, frequency and phase angle
Range	Standard version: 6×15A / 3×30A / 1×60A Economic version: 3×20A / 1×60A*
Accuracy	error < 0.08 % rd. + 0.02 % rg. guar. error < 0.03% rd. + 0.02 % rg. typ.
Resolution	1mA
Output power	Standard version: ≥210VA(at 30A, LN) Standard version: ≥105VA(at 15A, LN) Economic version: ≥140VA(at 20A, LN)*
Output response time	<100μs
Distortion (THD%)	<0.05%type., <0.1%guar., at >0.5A
Frequency- Amplitude characteristic	≤± 0.1%~± 0.5% (1Hz~1kHz)
Output time	continuous (<10A/channel) >70s (<10~20A/channel) >15s (≥20/channel)
Operation indication	Overload, distortion, open circuit, over heat

AC Voltage outputs

Control	Independent control of amplitude, frequency and phase angle
Fourth voltage (Uz)	Can be set as zero sequence voltage, line voltage, or any value
Range	4×300V
Accuracy	error < 0.08 % rd. + 0.02 % rg. guar., error < 0.03% rd. + 0.02 % rg. typ.,
Resolution	1mV(<30V), 10mV(30V~300V)
Output power	4 x 75VA typ. at 300V, 4 x 50VA guar., at 300V 3x100VA typ. at 300V, 3x85VA guar. at 300V
Output response time	<100μs
Distortion (THD%)	<0.05%type., <0.1%guar., at 30V-300V
Frequency- Amplitude characteristic	≤± 0.1%~± 0.5% (1Hz~1kHz)
Output time	Continuous at rated output condition
Operation indication	Overload, distortion, short circuit, over heat

Frequency

Sine signal	1Hz~1000Hz
Accuracy	0.3ppm
Resolution	0.001Hz
Output characteristic	Can simulate 2 nd ~20 th harmonic or DC

Phase angle

Range	-360°~+360°
Accuracy	±0.05°type., ±0.1° guar.
Resolution	0.001°

Synchronization time between current and voltage outputs

≤ 10 μs

DC current outputs

Range	3×0A~10A
Accuracy	± 5mA (0.2A~1A) ± 0.5% (1A~10A)
Resolution	1mA (0.2A~10A)
Output power	300W (30A 10V)
Operation indication	Overload, distortion, open circuit, over heat

DC Voltage outputs

Range	4x0V-300V
Accuracy	±50mV (2V~10V), ±0.5% (10~300V)
Resolution	10mV
Output power	100W at 300V

Binary inputs

Number	8
Input characteristics	0~400Vdc/400Vac Pekt threshold or potential free
Time resolution	50μs
Max. measuring time	infinite
Debounce/Degitch time	0~25ms
Counting function	< 3kHz at pulse width > 150μs

Binary output

Number	4
Characteristic	Potential free relay contact
Break capacity ac	V _{max} : 250V(AC)/I _{max} : 0.5A
Break capacity dc	V _{max} : 250V(DC)/I _{max} : 0.5A

IEC61850 upgrade (Optional)

Interpretation hardware is in-built. Please contact the supplier for options to activate the IEC61850 software support function

Power Supply

Input	110-240Vac
Frequency	50/60Hz
Max. current	6.3A

Others

PC connection	Ethernet, 10M/100M
Wireless control	Cellphone APP
GPS interface	DB9
Ground Socket (earth)	4 mm banana socket; front side
Dimension(WXHXD)	256mm × 110mm × 395 mm
Weight	8.8 kg

