

Specifications

Frequency

Sine signal	1Hz~1000Hz
Accuracy	<1mHz (20 Hz~65Hz)
	<10mHz (65 Hz~450Hz)
	<20mHz (450 Hz~1000Hz)
Resolution	0.001Hz
Output characteristic	Can simulate 2 nd -20 th harmonic or DC

Phase angle

Range	0~359.9°
Accuracy	±0.1°
Resolution	0.1°

DC current outputs

Range	3×0A~10A
Accuracy	±5mA (0.05A~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	4×0V~150V
Accuracy	±10mV (0.05V~2V)
	±0.5% (2V~150V)
Resolution	1mV (0.2V~2V); 10mV (2V~150V)
Output power	40W at 150V
Operation indication	Overload, distortion, open circuit, over heat

Synchronization time between current and voltage outputs

≤10 μs

Binary inputs

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

Binary outputs

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

IEC61850 upgrade

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
GPS interface	DB9/TTL
Ground Socket (earth)	4 mm banana socket; front side
Dimension(WXHxD)	256mm × 110mm × 395 mm
Weight	8.8 kg

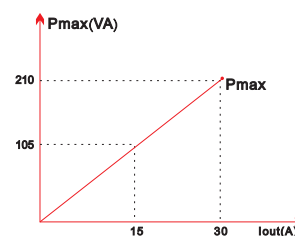
L336i Universal Test System



AC Current outputs

Control	Independent control of amplitude, frequency and phase angle
Range	6×15A or 3×30A
Accuracy	±1mA (<0.5A), ±0.1% (0.5A~20A)
	±0.2% (20A~30A)
Resolution	1mA (0.1A~10A), 10mA (10A~30A)
Output power	≥210VA (at 30A, L-N)
	≥105VA (at 15A, L-N)
	≥420VA (at 30A, L-L)

Output characteristic

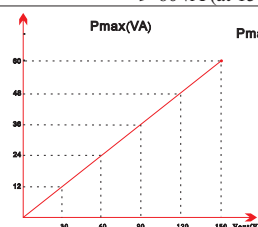


Output response time	<100μs
Distortion (THD%)	≤0.5% (0.5A~I _{max})
Frequency range	1Hz~1kHz
Frequency- Amplitude characteristic	≤±0.1%~±0.5% (1Hz~1kHz)
Output time	continuous (<10A/channel)
	>70s (<10~20A/channel)
	>15s (<20~30A/channel)
Operation indication	Overload, distortion, open circuit, over heat

AC Voltage outputs

Control	Independent control of amplitude, frequency and phase angle
Fourth voltage (U _z)	Can be set as zero sequence voltage, line voltage, or any value
Range	4×150V
Accuracy	±2mV (0.05V~2V), ±0.1% (2V~150V)
Resolution	1mV (0.2V~10V), 10mV (10V~150V)
Output power	≥60VA (at 150V)

Output characteristic



Output response time	<100μs
Distortion (THD%)	≤0.5% (2V~150V)
Frequency range	1Hz~1kHz
Frequency- Amplitude characteristic	≤±0.1%~±0.5% (1Hz~1kHz)
Output time	Continuous at rated output condition
Operation indication	Overload, distortion, short circuit, over heat



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