



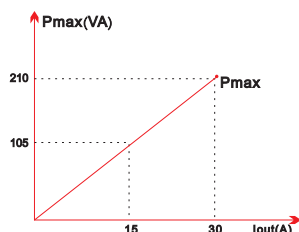
L336i Universal Test System

Specifications

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, LN) ≥105VA (at 15A, LN) ≥420VA (at 30A, LL)

Output characteristic

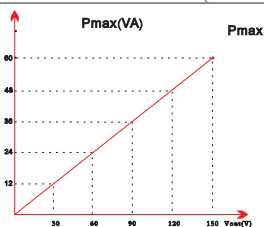


Output response time	<100μs
Distortion (THD%)	≤0.5% (0.5A~Imax)
Frequency range	10Hz~1kHz
Frequency- Amplitude characteristic	≤±0.1%~±0.5% (10Hz~1kHz)
Output time	continuous (<10A/channel) >70s (<10~20A/channel) >15s (<20~30A/channel)
Operation indication	Overload, distortion, open circuit, over heat

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 (0.2V~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	10Hz~1kHz
Frequency- Amplitude characteristic	≤±0.1%~±0.5% (10Hz~1kHz)
Output time	Continuous at rated output condition
Operation indication	Overload, distortion, short circuit, over heat

Frequency

Sine signal	10Hz~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 (0.2A~1A) ±0.5% (1A~10A)
Resolution	1mA (0.2A~10A)
Output power	300W (30A 10V)
Operation indication	Overload, distortion, open circuit, over heat

Synchronization time between current and voltage outputs

	≤10 μs
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Binary inputs

Number	8
Characteristic	0~400Vdc threshold or potential free
Sample rate	10 kHz
Time resolution	100 μs
Max. measuring time	1.50×10 ⁵ s
Time measuring error	±1.0ms (0.001s~1.0 s) ±0.1% (1.0 s~1.50×10 ⁵ s)
Debounce/Deglitch time	0~25ms
GaValnic isolation	Independent isolation for 8 binary inputs
Threshold impedance(potential free mode)	3 kΩ~5kΩ

Binary output

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

Communication port

Type	LAN, 10/100Base-TX (10/100Mbit)
LAN cable	category 5 twisted-pair
GPS port	Can be connected to optional PGPS02 GPS synchronization device or PIRIG-B01 device

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	40~60Hz
Max. current	10A

Others

Casing	Anti EMC/EMI aluminum casing
Dimension(WXHXD)	256 mm×110 mm×395mm (W×H×D)
Weight	8.8 kg



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