

Smart AC Dummy Load Tester

380ACLB-100-T Smart AC Dummy Load

220Vac/ 380Vac 100KW Constant Power Load Bank

Essential testing instrument for Generators/ UPS etc.

Full power loading capability test for the acceptance inspection, renovations, overhaul and routine maintenance.

Revolutionary functions and humanized operation bring a brand-new experience to users.

For the varies of generators, gensets and UPS, the output power and loading capability test are very crucial in the acceptance inspection, performance analysis, replacing judgments of power supply devices. But for most of device ascendants, it is a tough issue in operating the tester and analyzing the results. Considered all difficulties for the users, 380ACLB series intelligent AC dummy load provide a scientific and convenient measure to check the power supply devices.

Applying intelligent control technologies, 380ACLB series fulfill loading discharging and parameter checking simultaneously.

After the test, PC analysis software can create data report automatically. It is widely available for high power UPS, inverters, diesel generators in many industries like telecommunication stations, power sectors, airport etc.



FUNCTION FEATURES

- **Steady-state test:** automatically detect 3-phase voltage, current, active power, inactive power, apparent power, power factor, frequency, run time, total energy and so on.
- **Transient-state test:** according the presetted power values, 380ACLB series can create a loading dips and drops, automatically detect the maximum and minimum values of each phase voltage, current and frequency in the dips and drops, and calculate the power & power factor in each phase.
- **Setting test:** according the presetted values, 380ACLB series can increase the load in steps by proportion up ot the maximum power, and then de-crease the load in steps. In this process, 380ACLB series wil automatically detect the maximum and minimum values of voltage, current and frequency, 3-phase power & power factor in each steps.



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- **Fluctuation test:** according the presetted values, 380ACLB series can increase the load in steps by proportion up to the maximum power, and automatically detect the maximum and minimum values of voltage, current and frequency, 3-phase power & power factor.
- **Harmonics analysis:** 380ACLB series can analyze the current, voltage 2-20 THD (total harmonic distortion) in each phases.



TECHNICAL SPECIFICATIONS

Loading Power:	0~100KW (adjustable)
Power Factor:	Test range: 0.001~1.000 Resolution: 0.001 Accuracy:0.5%
Harmonics (THD):	Test range: 2~20 harmonics (THD) Resolution: 0.01% Accuracy: 1%
Voltage:	Test range: AC 0~450V Resolution: 0.1V Accuracy: 0.5%
Frequency:	Test range: 45~65 Hz Resolution: 0.01Hz Accuracy: 0.2%
Current Display:	Resolution: 0.1A, Accuracy: 0.5%
Input Voltage:	AC 3 Phase 380V / AC 1 Phase 220V
Discharging Time:	0~99 hours 59 minutes, constant adjustable
Cooling Mode:	Force air cooling
PC Communication:	RS485, USB data port, USB disk port
Internal Memory:	Internal storage up to 250 groups of data, and download via PC or USB.
Display Mode:	5.7 inch colorful touching LCD, English operating menu
Display Items:	3 Phase voltage, current, frequency, temperature, power, total energy, run time
Analysis Software:	English version analysis PC software
Power Source:	220V ±10% or Power from the tested devices
Dimensions (mm):	800 × 600 × 1000
Weight (kg):	110

ACCESSORIES

ID	Descriptions	Qty.	ID	Descriptions	Qty.
1	380ACLB Main Machine	1 unit	3	Power Cord	1 pcs
2	Power Cable	4 pcs	4	USB & Manual	1 pcs

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