

# Intelligent AC Dummy Load

## General information about ADBC-125ID Intelligent AC Dummy Load:

**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, ADBC-125ID 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, ADBC-125ID series can increase the load in steps by proportion up to the maximum power, and then decrease the load in steps.

In this process, ADBC-125ID series will automatically detect the maximum and minimum values of voltage, current and frequency, 3-phase power & power factor in each steps.



## Other optional:

### Fluctuation test:

according the presetted values, ADBC-125ID 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:

ADBC-125ID series can analyze the current, voltage 2-20 THD (total harmonic distortion) in each phases

ADBC-125ID series can support both 3-phase and 1-phase power test. The most powerful unit can provide 100KW

### Parallel operation:

for the requirement of some high power test, ADBC-125ID series can co-work in parallel perfectly

### Phase sequence test:

automatically detect the phase sequence of the generator &UPS

### Adopting 5.7 inch colorful touching LCD:

English interface make the operation convenient and direct viewing Without PC and other recording device, the internal data storage memory of ADBC-125ID series can save 250 groups of data The user can choose browsing the real-time data in the process of testing by the software shown by laptop screen, or download the data to PC by RS-485 or USB after the testing Applying overheating precaution function, ADBC-125ID series can cut off the load, terminate the discharge and alarm the user automatically when overheating happen

ADBC-125ID series provide the emergent stop switch, the users can terminate the test manually by single button Short circuit protection function, guarantee the test safe and stable.



## Technical specification of the device:

TYPE	20KW	50KW	100KW	200KW	500KW
<b>Loading Power (Max)</b>	0~20KW	0~50KW	0~100KW	0~200KW	0~500KW
<b>Power Factor</b>	Test Range: 0.001~1.000; / Resolution: 0.001;/ Accuracy: 0.5%				
<b>Harmonics (THD)</b>	Test Range: 2~50 harmonics (THD); / Resolution: 0.01%; / Accuracy: 1%				
<b>Voltage</b>	Test Range: AC 0~450V; / Resolution: 0.1V; /Accuracy: 0.5%				
<b>Frequency</b>	Test Range: 45~65Hz; / Resolution: 0.01Hz;/ Accuracy: 0.2%				
<b>Current Display</b>	Resolution: 0.1A; / Accuracy: 0.5%				
<b>Input Voltage</b>	AC 3 Phase 380V/ AC 1 Phase 220V				
<b>Discharging Time</b>	0~99 hours 59 minutes, constant adjustable				
<b>Cooling Mode</b>	Air Cooling				
<b>Communication</b>	RS232, USB				
<b>Control Mode</b>	Discharge power constant adjustable				
<b>Storage Device</b>	built-in large-capacity memory, users also can download the test data to PC or U disk by the USB port				
<b>Dimension(mm)</b>	830×280×520	980×304×696	660×790×980	600×920×1710	1560×650×1800
<b>Weight (kg)</b>	30	50	113	230	300

