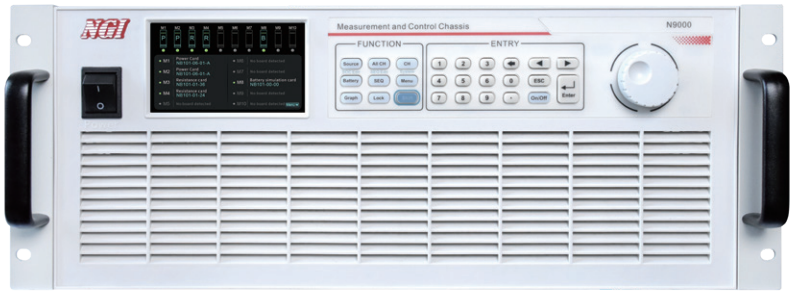
# N9000 Series Ultra-high Integration Dual-quadrant Modular Battery Simulator




## Product Introduction

N9000 is an ultra-high integration dual-quadrant modular battery simulator with high real-time, high-synchronous, high-power , consisting of N9000 measurement and control chassis and a variety of modules. N9000 is a standard chassis with 4U height and 19-inch width, support for the insertion of battery simulation modules, temperature simulation modules, high-voltage power supply modules and other types, the chassis can be integrated into 10 slot measurement and control modules, electrical isolation of the modules. N9000 series supports local/remote control and synchronous trigger function, which can realize multi-module high-speed synchronous control, and is widely applicable to multi-channel, high-integrity, high-power automated test and measurement scenarios.

The NB101 series is a high-precision, dual-quadrant programmable battery simulation module that supports voltage accuracy up to 0.1mV and μA-level current measurement. It is equipped with various test functions such as power mode, SOC simulation, sequence test, graph and fault simulation. It can meet the requirements of BMS HIL test system, AFE chip, energy storage, electric vehicle, electric two-wheeler/tricycle, base station power supply, and other multi-scenario BMS test applications.

NB102 series is a high-precision, multi-channel temperature simulation module, resistance range: 0Ω~11.11MΩ, programming accuracy up to 0.1%. The flexible design supports 12/24/36 channels with a resolution up to 1Ω, which can be widely used in simulation test scenarios such as NTC resistors and resistive sensors.

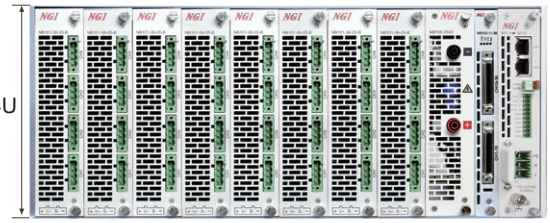
NB106 is a programmable high-voltage power supply module, the product has 1200V/2500V voltage output specifications, voltage accuracy is as high as 0.05%+0.05% F.S., supports CV, CC, SEQ, Sweep and other operating modes, and can be widely used in automotive BMS, energy storage BMS and other scenarios.

## Main Features

- High accuracy:voltage accuracy up to 0.1mV/0.5mV
- High integration:32CH cell simulation+32CH fault simulation+36CH temperature simulation+total voltage simulation integrated in 19inch/4U chassis
- Modular design:easy for wiring and expansion
- High speed response:response time≤1ms
- Each channel isolated, series connection available
- μA level current measurement
- LAN port and CANFD interface; dual LAN ports, convenient for cascade application

## Modular design for convenient operation and flexible expansion

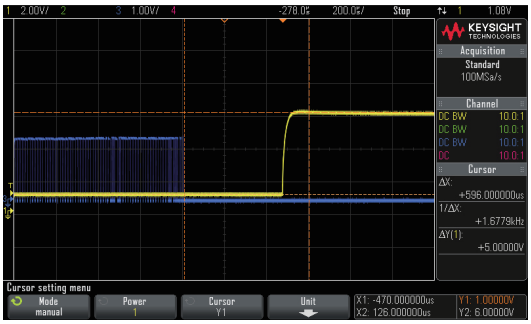
N9000 is an ultra-high integration dual-quadrant modular battery simulator. The standard chassis can integrate 32 channels of single cell simulation, 32 channels of battery fault simulation and 36 channels of temperature simulation and a channel total voltage simulation, which effectively saves users' space. Single module with 4 channels for battery simulation, single module with 12/24/36 channels optional for temperature simulation, high voltage power module 1200V/2500V selectable. With multiple models, users can choose products according to the actual needs, which is convenient for subsequent expansion.



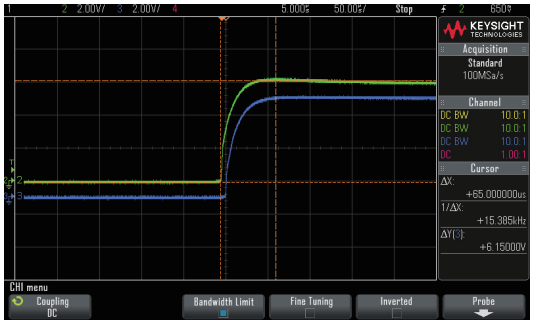

= 32x Cell Simulation + 32x Fault Simulation + 36x Temperature Simulation + Total Voltage Simulation

## High speed response, high speed synchronization, high throughput data

As a high real-time, high-synchronous measurement and control platform, the N9000 series supports Gigabit LAN and CANFD communication, hardware synchronous triggering and high-speed synchronous clocks, with command response time as fast as 1ms, multi-channel synchronization as fast as 200μs, which is particularly suitable for high-speed simulation test such as BMS HIL.




▲Command response time as fast as 1ms

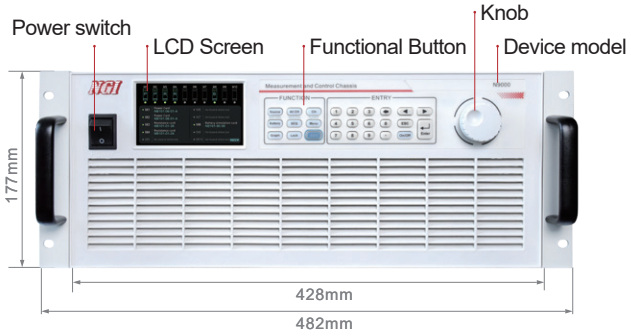


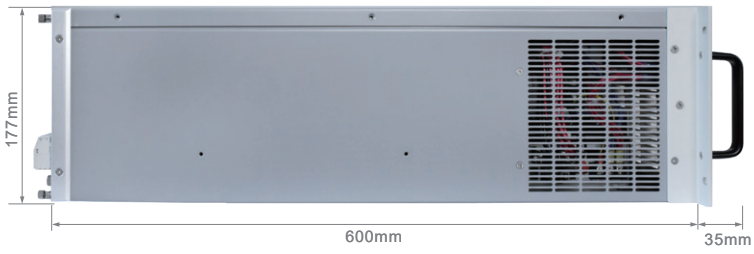

▲channel synchronization plus rise time as fast as 65μs

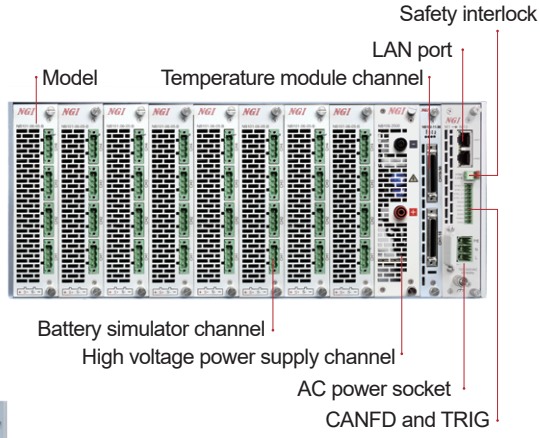
## High precision, matching BMS and AFE chip trends

AFE chip is the core component of BMS, with the management getting more and more refined, the voltage acquisition accuracy of AFE chip and BMS is getting higher and higher. NGI has launched 0.1mV ultra-high precision battery simulator since 2016, which has been widely recognized by the industry and become the first choice for AFE chip testing. The modular battery simulator launched under the N9000 measurement and control platform supports 0.1mV and 0.5mV voltage accuracy, which can meet the industry's high-precision testing needs.

## Product Dimension



## Product Selection (1): 0.1mV Voltage Accuracy Battery Simulator

| Product Model | Specification | Configuration | | |
|---|---|---|---|---|
| | | Module Model | Qty | Specification |
| N9108-06-01 | 6V/±1A/8CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-A | 2 | 6V/±1A/4CH |
| N9112-06-01 | 6V/±1A/12CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-A | 3 | 6V/±1A/4CH |
| N9116-06-01 | 6V/±1A/16CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-A | 4 | 6V/±1A/4CH |
| N9120-06-01 | 6V/±1A/20CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-A | 5 | 6V/±1A/4CH |
| N9124-06-01 | 6V/±1A/24CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-A | 6 | 6V/±1A/4CH |
| N9128-06-01 | 6V/±1A/28CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-A | 7 | 6V/±1A/4CH |
| N9132-06-01 | 6V/±1A/32CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-A | 8 | 6V/±1A/4CH |
| N9136-06-01 | 6V/±1A/36CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-A | 9 | 6V/±1A/4CH |
| N9108-06-05 | 6V/±5A/8CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-A | 2 | 6V/±5A/4CH |
| N9112-06-05 | 6V/±5A/12CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-A | 3 | 6V/±5A/4CH |
| N9116-06-05 | 6V/±5A/16CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-A | 4 | 6V/±5A/4CH |
| N9120-06-05 | 6V/±5A/20CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-A | 5 | 6V/±5A/4CH |
| N9124-06-05 | 6V/±5A/24CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-A | 6 | 6V/±5A/4CH |
| N9128-06-05 | 6V/±5A/28CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-A | 7 | 6V/±5A/4CH |
| N9132-06-05 | 6V/±5A/32CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-A | 8 | 6V/±5A/4CH |
| N9136-06-05 | 6V/±5A/36CH Battery simulator Voltage accuracy:0.1mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-A | 9 | 6V/±5A/4CH |

## Product Selection (2): 0.5mV Voltage Accuracy Battery Simulator

| Product Model | Specification | Configuration | | |
|---|---|---|---|---|
| | | Module Model | Qty | Specification |
| N9008-06-01 | 6V/±1A/8CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-B | 2 | 6V/±1A/4CH |
| N9012-06-01 | 6V/±1A/12CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-B | 3 | 6V/±1A/4CH |
| N9016-06-01 | 6V/±1A/16CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-B | 4 | 6V/±1A/4CH |
| N9020-06-01 | 6V/±1A/20CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-B | 5 | 6V/±1A/4CH |
| N9024-06-01 | 6V/±1A/24CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-B | 6 | 6V/±1A/4CH |
| N9028-06-01 | 6V/±1A/28CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-B | 7 | 6V/±1A/4CH |
| N9032-06-01 | 6V/±1A/32CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-B | 8 | 6V/±1A/4CH |
| N9036-06-01 | 6V/±1A/36CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-01-B | 9 | 6V/±1A/4CH |
| N9008-06-05 | 6V/±5A/8CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-B | 2 | 6V/±5A/4CH |
| N9012-06-05 | 6V/±5A/12CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-B | 3 | 6V/±5A/4CH |
| N9016-06-05 | 6V/±5A/16CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-B | 4 | 6V/±5A/4CH |
| N9020-06-05 | 6V/±5A/20CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-B | 5 | 6V/±5A/4CH |
| N9024-06-05 | 6V/±5A/24CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-B | 6 | 6V/±5A/4CH |
| N9028-06-05 | 6V/±5A/28CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-B | 7 | 6V/±5A/4CH |
| N9032-06-05 | 6V/±5A/32CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-B | 8 | 6V/±5A/4CH |
| N9036-06-05 | 6V/±5A/36CH Battery simulator Voltage accuracy:0.5mV | N9000 | 1 | Measurement and control chassis |
| | | NB101-06-05-B | 9 | 6V/±5A/4CH |

## Product Selection (3): Temperature Simulation Module

| Optional-Temperature Simulation Module | | | |
|---|---|---|---|
| Model | Specification | Model | Specification |
| NB102-01-12 | 1.11MΩ/1Ω/12CH | NB102-11-12 | 11.11MΩ/10Ω/12CH |
| NB102-01-24 | 1.11MΩ/1Ω/24CH | NB102-11-24 | 11.11MΩ/10Ω/24CH |
| NB102-01-36 | 1.11MΩ/1Ω/36CH | NB102-11-36 | 11.11MΩ/10Ω/36CH |
| NB102-A6-12 | 600kΩ/1Ω/12CH | NB102-06-12 | 6MΩ/10Ω/12CH |
| NB102-A6-24 | 600kΩ/1Ω/24CH | NB102-06-24 | 6MΩ/10Ω/24CH |
| NB102-A6-36 | 600kΩ/1Ω/36CH | NB102-06-36 | 6MΩ/10Ω/36CH |

[Note]:
1. Single battery simulator supports one NB102 series module insertion.
2. 600kΩ, 6MΩ models support NTC short circuit simulation, NTC open circuit simulation.

## Product Selection (4): Programmable High Voltage Power Supply Module

| Optional-Programmable High Voltage Power Supply Module | | | |
|---|---|---|---|
| Model | Specification | Model | Specification |
| NB106-1200 | 1200V/100mA/120W/1CH | NB106-2500 | 2500V/100mA/250W/1CH |

[Note]:
1. NB106 series and NB101 series share the same slot, a N9000 can support up to NB106 series modules*9pcs.

## Battery Simulator Module Specification (1)

| Model | NB101-06-01-A | | NB101-06-05-A | |
|---|---|---|---|---|
| Current | ±1A/CH | | ±5A/CH | |
| Voltage | 6V/CH | | 6V/CH | |
| Power | 6W/CH | | 30W/CH | |
| Channels | 4CH | | | |
| **CV Mode** | | | | |
| Range | 0-6V | | | |
| Setting Resolution | 0.01mV | | | |
| Setting Accuracy(23±5°C) | 0.1mV | | | |
| Readback Resolution | 0.01mV | | | |
| Readback Accuracy(23±5°C) | 0.1mV | | | |
| Temperature Coefficient(0~40°C) | 20ppm/°C | | | |
| Voltage Ripple Noise | ≤2mVrms | | | |
| **CC Mode** | | | | |
| Range | -1-1A | -1~1mA | -5-5A | -1~1mA |
| Setting Resolution | 0.1mA | 0.1μA | 0.1mA | 0.1μA |
| Setting Accuracy(23±5°C) | 1mA | 1μA | 5mA | 1μA |
| Readback Resolution | 0.1mA | 0.1μA | 0.1mA | 0.1μA |
| Readback Accuracy(23±5°C) | 1mA | 1μA | 5mA | 1μA |
| Temperature Coefficient(0~40°C) | 50ppm/°C | | | |
| **Dynamic Characteristic** | | | | |
| Voltage Rise Time | ≤40μs(No load, 10%-90% variation time) | | | |
| Voltage Rise Time | ≤40μs(Pure resistive full load, 10%-90% variation time) | | | |
| Voltage Fall Time | ≤100μs(No load, 90%-10% variation time) | | | |
| Voltage Fall Time | ≤100μs(Pure resistive full load, 90%-10% variation time) | | | |
| Transient Recovery Time | <100μs(Pure resistive load, 10%-90% variation time) | | | |
| **Fault Simulation** | | | | |
| Supportable Functions | Positive and negative short circuit, positive and negative open circuit, polarity reversal simulation | | | |
| **Other** | | | | |
| Isolation(output to ground) | 2500V DC | | | |
| Isolation(channel and channel) | 500V DC | | | |
| Temperature | Working temperature: 0°C~40°C; Storage temperature: -20°C~60°C | | | |
| Operating Environment | Altitude: <2000m; relative humidity: 5%~90%RH (no condensation); operating air pressure: 80~110kPa | | | |
| Dimension | Single module single slot, one N9000 chassis support 9 single module insertion | | | |
| Net Weight | Approx. 1.15kg | | | |

Note 1: For other specifications, please contact NGI.
Note 2: All specifications are subject to change without notice.

## Battery Simulator Module Specification (2)

| Model | NB101-06-01-B | | NB101-06-05-B | |
|---|---|---|---|---|
| Current | ±1A/CH | | ±5A/CH | |
| Voltage | 6V/CH | | 6V/CH | |
| Power | 6W/CH | | 30W/CH | |
| Channels | 4CH | | | |
| CV Mode | | | | |
| Range | 0-6V | | | |
| Setting Resolution | 0.1mV | | | |
| Setting Accuracy(23±5°C) | 0.5mV | | | |
| Readback Resolution | 0.1mV | | | |
| Readback Accuracy(23±5°C) | 0.5mV | | | |
| Temperature Coefficient(0~40°C) | 20ppm/°C | | | |
| Voltage Ripple Noise | ≤2mVrms | | | |
| CC Mode | | | | |
| Range | -1-1A | -1~1mA | -5-5A | -1~1mA |
| Setting Resolution | 0.1mA | 0.1μA | 0.1mA | 0.1μA |
| Setting Accuracy(23±5°C) | 1mA | 1μA | 5mA | 1μA |
| Readback Resolution | 0.1mA | 0.1μA | 0.1mA | 0.1μA |
| Readback Accuracy(23±5°C) | 1mA | 1μA | 5mA | 1μA |
| Temperature Coefficient(0~40°C) | 50ppm/°C | | | |
| Dynamic Characteristic | | | | |
| Voltage Rise Time | ≤40μs(No load, 10%-90% variation time) | | | |
| Voltage Rise Time | ≤40μs(Pure resistive full load, 10%-90% variation time) | | | |
| Voltage Fall Time | ≤100μs(No load, 90%-10% variation time) | | | |
| Voltage Fall Time | ≤100μs(Pure resistive full load, 90%-10% variation time) | | | |
| Transient Recovery Time | <100μs(Pure resistive load, 10%-90% variation time) | | | |
| Fault Simulation | | | | |
| Supportable Functions | Positive and negative short circuit, positive and negative open circuit, polarity reversal simulation | | | |
| Other | | | | |
| Isolation(output to ground) | 2500V DC | | | |
| Isolation(channel and channel) | 500V DC | | | |
| Temperature | Working temperature: 0°C~40°C; Storage temperature: -20°C~60°C | | | |
| Operating Environment | Altitude: <2000m; relative humidity: 5%~90%RH (no condensation); operating air pressure: 80~110kPa | | | |
| Dimension | Single module single slot, one N9000 chassis support 9 single module insertion | | | |
| Net Weight | Approx. 1.15kg | | | |

Note 1: For other specifications, please contact NGI.
Note 2: All specifications are subject to change without notice.

## Programmable Resistance Module Specification (3)

| Model | Specification | Model | Specification |
|---|---|---|---|
| NB102-01-12 | 1.11MΩ/1Ω/12CH | NB102-11-12 | 11.11MΩ/10Ω/12CH |
| NB102-01-24 | 1.11MΩ/1Ω/24CH | NB102-11-24 | 11.11MΩ/10Ω/24CH |
| NB102-01-36 | 1.11MΩ/1Ω/36CH | NB102-11-36 | 11.11MΩ/10Ω/36CH |
| NB102-A6-12 | 600kΩ/1Ω/12CH [1] | NB102-06-12 | 6MΩ/10Ω/12CH [1] |
| NB102-A6-24 | 600kΩ/1Ω/24CH [1] | NB102-06-24 | 6MΩ/10Ω/24CH [1] |
| NB102-A6-36 | 600kΩ/1Ω/36CH [1] | NB102-06-36 | 6MΩ/10Ω/36CH [1] |
| Common Parameter | | | |
| Resolution | 1Ω@600kΩ, 1Ω@1.11MΩ, 10Ω@6MΩ, 10Ω@11.11MΩ | | |
| Channels | 12CH/24CH/36CH optional | | |
| Resistance Accuracy | ≤2MΩ: 0.1%+Rr<br>>2MΩ: 1%+Rr | | |
| Residual Resistance | Typical value:3Ω (when resistance is programmed to 0Ω) | | |
| Resistance Max. Power | 0.25W | | |
| Switch Closure Time | <1.1ms | | |
| Switch Release Time | <0.4ms | | |
| Expected Switch Life | Low load application: $>1\times10^8$ operations; Full load application:$>1\times10^6$ operations | | |
| Max. Switching Voltage | 125VAC, 60VDC | | |
| Max. Switching Current | 0.5A | | |
| Temperature | Working temperature:0°C~40°C; Storage temperature: -20°C~60°C | | |
| Operating Environment | Altitude: <2000m; relative humidity: 5%~90%RH (no condensation); operating air pressure: 80~110kPa | | |
| Dimension | Single module ½ slot, one N9000 chassis support 9 single module insertion | | |
| Net Weight | Approx. 1.35kg | | |

Note 1: 600kΩ, 6MΩ models support NTC short-circuit simulation, NTC open circuit simulation

## Programmable High Voltage Power Supply Module Specification (4)

| Model | NB106-1200 | NB106-2500 |
|---|---|---|
| Current | 100mA | |
| Voltage | 1200V | 2500V |
| Power | 120W | 250W |
| Channels | 1CH | |
| CV Mode | | |
| Range | 0~1200V | 0~2500V |
| Setting Resolution | 100mV | |
| Setting Accuracy（23±5°C） | 0.05%+0.05%F.S. | |
| Readback Resolution | 10mV | |
| Readback Accuracy（23±5°C） | 0.05%+0.05%F.S. | |
| Voltage Ripple [1]（20Hz~20MHz） | ≤1.2Vp-p | ≤2.5Vp-p |
| CC Mode | | |
| Range | 0~100mA | |
| Setting Resolution | 10μA | |
| Setting Accuracy（23±5°C） | 0.1%+0.1%F.S. | |
| Readback Resolution | 10μA | |
| Readback Accuracy（23±5°C） | 0.1%+0.1%F.S. | |
| Current Ripple（20Hz~20MHz） | ≤500μArms | |
| Line Regulation | | |
| Voltage | ≤0.01% | |
| Current | ≤0.05% | |
| Load Regulation | | |
| Voltage | ≤0.05% | |
| Current | ≤0.05% | |
| Dynamic Characteristic | | |
| Voltage Rise Time | ≤100ms（No load, 10%-90% variation time） | |
| Voltage Rise Time | ≤200ms（Pure resistive full load, 10%-90% variation time） | |
| Voltage Fall Time | ≤200ms（No load, 90%-10% variation time） | |
| Voltage Fall Time | ≤100ms（Pure resistive full load, 90%-10% variation time） | |
| Other | | |
| Isolation | Input to ground AC 1500V; output negative to ground | |
| Testing Terminal | Banana Socket, 2pin | |
| AC Input | 220V AC±10%, frequency 47Hz~63Hz | |
| Temperature | Working temperature: 0°C~40°C; Storage temperature: -20°C~60°C | |
| Operating Environment | Altitude: <2000m; relative humidity: 5%~90%RH (no condensation); operating air pressure: 80~110kPa | |
| Dimension | Single module single slot, one N9000 chassis support 9 single module insertion | |
| Net Weight | Approx. 1.33kg | Approx. 1.47kg |

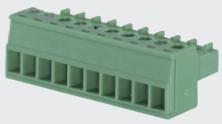
Note 1: When measuring voltage ripple, a capacitor must be added for filtering.
Note 2: For other specifications, please contact NGI.
Note 3: All specifications are subject to change without notice.

## N9000 Measurement and Control Chassis Specification

| Model | N9000 |
|---|---|
| Slot | Support single slot*9pcs + ½ slot*1pc |
| Communication Interface | LAN/CAN |
| AC Input | Single phase 100~240V AC，frequency 47Hz~63Hz，current ≤9A@220V，≤18A@110V |
| Earth Leakage Current | <3.5mA@230VAC |
| Temperature | Working temperature:0°C~40°C; Storage temperature: -20°C~60°C |
| Operating Environment | Altitude: <2000m; relative humidity: 5%~90%RH (no condensation); operating air pressure: 80~110kPa |
| Dimension | 177.0mm（H）*482.0mm（W）with handle*600.0mm（D） |
| Net Weight | Approx. 19kg |

## Accessory

### Standard

| | |
|---|---|
|  A1106-02 Power Cord<br>1pc<br>220VAC single phase three core power cord, cord length: 2 meters<br>One end of the national standard 10A three-plug, one end of the flat terminal |  Network Cable<br>1pc<br>Length: 2 meters |
|  Channel Interface Connector<br>1pc<br>Port: 5.08mm 4-pin terminal |  Resistor Module Connector<br>1pc (≤18CH) /2pcs (>18CH)<br>SCSI connector: 50pin |
|  CAN Communication Connector<br>1pc<br>Port: 10 pin/3.5mm |  Inter Lock Connector<br>1pc<br>Port: 2pin/3.5mm |
| USB flash drive 1pc (8G; contains NGI application software/programming protocols, etc.) | Quick Selection Guide 1set |
| Product Performance Test Report 1set | |

### Optional

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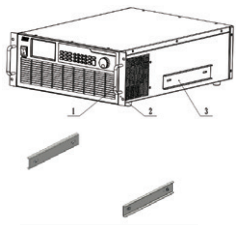
|---|---|
|  NB301-02/NB301-04 Battery Simulator Test Cable<br>NB301-02(cable length 2 meters)/NB301-04(cable length 4 meters)<br>1mm² Teflon cable; 4 (1CH) nylon braided sleeve, fixed with cable ties, one end 5.08mm 4-pin terminal (female), one end pin terminal (red positive and black negative distinction) with numbering tube | |
|  NB302-18-02/NB302-18-04 Resistance Module Test Cable<br>NB302-18-02(cable length 2 meters)/NB302-18-04(cable length 4 meters)<br>1pc (18CH and below)/2pcs (18CH and above)<br>0.3mm² RV cable; 36 harness (18CH) nylon braided sleeve, tie down, one end SCSI connector 50pin (male), one end pin terminal with numbering tube | |
|  A1103-02/A1103-04 Power Supply Cord<br>A1103-02 (cable length 2 meters) /A1103-04 (cable length 4 meters)<br>220VAC single phase 6mm²RVV sheathed power cord, bundle of 3 cores (L/N/PE), wire length: 2/4 metres; both ends: flat terminals 3pin | |
|  NF00Y Kit for Rack Installation<br>Suitable for 4U height and 19-inch width models<br>Name: Chassis rail; Material thickness: 2.0mm SGCC; Quantity: 2pcs | |