

## KEYSIGHT TECHNOLOGIES (AGILENT HP)

# N3300A

The Keysight N3300A is a full-rack width DC electronic load mainframe that can accommodate up to six N330x series load modules. It provides up to 1800 W of total maximum power capacity (depending on installed modules) and offers built-in GPIB and RS-232 interfaces for automated test system integration.

### SPECIFICATIONS

#### General

|            |              |
|------------|--------------|
| Interfaces | GPIB, RS-232 |
|------------|--------------|

#### Physical

|                       |                           |
|-----------------------|---------------------------|
| Power Supply          | 100 - 240 VAC, 48 - 63 Hz |
| Operating Temperature | 0 to 55 °C                |
| Dimensions (W×H×D)    | 425.5 × 177 × 624.7 mm    |
| Weight                | 13.2 kg                   |

#### System and General Specifications

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| Number of Module Slots | 6                                                       |
| Total Maximum Power    | Up to 1800 W (configuration dependent)                  |
| Supported Module Types | Keysight N3302A, N3303A, N3304A, N3305A, N3306A, N3307A |

#### Interfaces, Triggers, and Control

|                                   |                |
|-----------------------------------|----------------|
| Standard Communication Interfaces | GPIB, RS-232   |
| Trigger Input / Output            | TTL compatible |

#### Environmental and Compliance

|                             |                 |
|-----------------------------|-----------------|
| Operating Temperature Range | 0 °C to 55 °C   |
| Storage Temperature Range   | -40 °C to 70 °C |

#### Power Requirements

|                              |                    |
|------------------------------|--------------------|
| AC Input Voltage Range       | 100 - 240 VAC      |
| AC Input Frequency Range     | 48 - 63 Hz         |
| Maximum AC Power Consumption | 440 VA (mainframe) |

#### Physical Specifications

|                            |                     |
|----------------------------|---------------------|
| Rack Unit (RU) Form Factor | 4U, Full-rack width |
|----------------------------|---------------------|

#### Software & Control

|                      |      |
|----------------------|------|
| Programming Language | SCPI |
|----------------------|------|

**Environmental**

|                            |        |
|----------------------------|--------|
| Maximum Operating Altitude | 2000 m |
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**TECHNOLOGY**

DC Electronic Load Mainframe

**APPLICATIONS**

Automated Test Equipment (ATE), Power Supply Testing, Battery Testing

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Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.