

## N6705C DC power analyzer, N6781/85A SMUs, and BV9200B BenchVue Advanced Power Control and Analysis software

*Deliver exceptional battery life in your devices*

The N6781A and N6785A two-quadrant SMUs are designed to power, characterize, and test battery-powered devices (smart phones, tablets, and components).

- 20 V, ± 3 A, 20 W (N6781A); 20 V, ± 8 A, 80 W (N6785A)
- Stable, glitch-free sourcing and sinking (charge/eLoad)
- Seamless dynamic measurements down to nA

The N6705C DC power analyzer is an easy to use R&D tool for sourcing and measuring DC voltage and current into the DUT

- Integrates capabilities of up to four power supplies, with DMM, scope, ARB and data logger capability
- Select any combination of N6700 Series modules ([page 39](#))
- Pair with BV9200B BenchVue Advanced Control and Analysis software to control up to four N6705 mainframes (16 power supplies) from a single PC



BV9200B BenchVue Advanced Control and Analysis software

N6705C



N6781A

N6785A

### **NEW** N6790A DC electronic load modules for N6700-series

N6791A 100 W and N6792A 200 W load can be used in a system with the N6700C/01C/02 modular power supply or on the bench with the N6705C DC Power Analyzer. Characterize power supplies, batteries, supercapacitors, and PV cells using your existing modular power supply.

- Combine power supply outputs and electronic loads in 1 U rack space
- Built-in data logger records voltages and currents eliminating the need for an external oscilloscope or multimeter.
- Constant resistance (CR), constant current (CC), constant voltage (CV), constant power (CP)



N6791A

N6792A

Model	Maximum power	Voltage	Current	Number of slots used	Number of ranges
N6791A	100 W	60 V	20 A	1	2
N6792A	200 W	80 V	40 A	2	2

## N3300 Series DC electronic loads

*Fast electronic loads that accelerate manufacturing test*

- Choose from two mainframes: The N3300A mainframe is full-rack width with 6 slots and the N3301A mainframe is half-rack width with 2 slots
- Mix and match up to 6 modules as single, parallel, or series outputs for up to 1800 W in a single mainframe
- Measure voltage and current simultaneously in constant current (CC), constant voltage (CV), and constant resistance (CR) mode
- Observe transient behavior using waveform digitization and 4,096 data point buffer



N3300A

Input ratings	N3302A	N3303A	N3304A	N3305A	N3306A	N3307A
Current	0–30 A	0–10 A	0–60 A	0–60 A	0–120 A	0–30 A
Voltage	0–60 V	0–240 V	0–60 V	0–150 V	0–60 V	0–150 V
Maximum power at 40 °C	150 W	250 W	300 W	500 W	600 W	250 W