ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

**Artisan Technology Group**
(217) 352-9330 | sales@artisantg.com | artisantg.com

**Full-service, independent repair center**
with experienced engineers and technicians on staff.

**We buy your excess, underutilized, and idle equipment**
along with credit for buybacks and trade-ins.

**Custom engineering**
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Keysight / Agilent E3634A* at our website: *Click HERE*

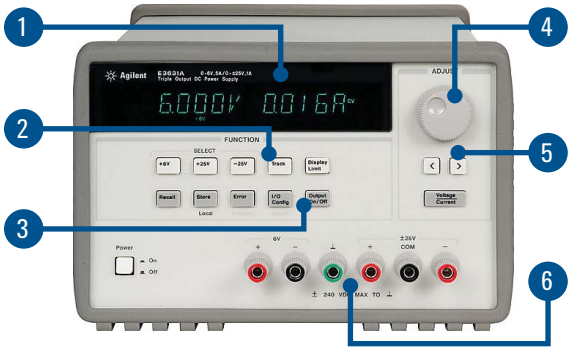
Quick Fact Sheet

# Agilent E3631A – E3634A Programmable DC Power Supplies

## Reliable power, repeatable results

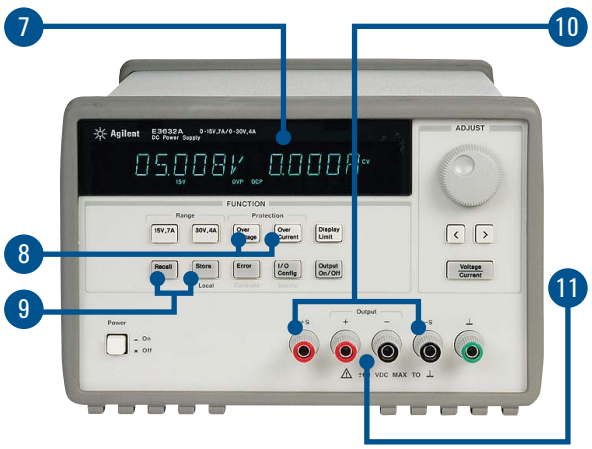
The Agilent E3630A Series gives you get easy access to essential, everyday power sourcing capabilities that will advance your test today and tomorrow — reliably.

### E3631A 80 W triple output power supply




1. Two 4-digit voltage and current readings accurately display actual or limit values simultaneously
2. Autotracking for 25 V outputs synchronization provides required symmetrical voltages for easier and faster setup
3. Output ON/OFF key allows you to enable or disable power outputs, providing extra protection to the device-under-test
4. Easy-to-use settings knob allows quick and easy voltage or current settings
5. Resolution key provides fine setting on voltage or current resolutions for better accuracy
6. Three independent outputs
   - (0 to +6 V / 5 A and 0 to ± 25 V / 1 A) minimize any interference between circuit-under-tests
   - Bias supply of ± 25 V allows you to set appropriate operating points

### E3632A – E3634A 120 W to 200 W single output power supplies




7. Front-panel VFD (vacuum-fluorescent display) shows and monitors actual or limit values simultaneously
8. Delicate device-under-tests are provided with overvoltage and overcurrent protection
9. Three completed power supply setup states can be stored and recalled from internal non-volatile memory, reducing your setup time
10. Remote sensing function eliminates errors in voltage regulation due to voltage drop at load leads
11. Single output power supplies give you the flexibility to select from dual output ranges
    - E3632A (0 to 15 V / 7A or 0 to 30 V / 4 A)
    - E3633A (0 to 8 V / 20 A or 0 to 20 V / 10 A)
    - E3634A (0 to 25 V / 7 A or 0 to 50 V / 4 A)

***Anticipate ___Accelerate ___Achieve***

**Agilent Technologies**

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

# Quick Fact Sheet

# Agilent E3631A – E3634A Programmable DC Power Supplies

## E3631A specifications

| Model | E3631A | | |
|---|---|---|---|
| DC outputs | | | |
| Voltage | 0 to +25 V | 0 to +25 V | 0 to +6 V |
| Current | 0 to 1 A | 0 to 1 A | 0 to 5 A |
| Ripple and noise from 20 Hz to 20 MHz | | | |
| Normal-mode voltage | < 350 µVrms / 2 mVpp | < 350 µVrms / 2 mVpp | < 350 µVrms / 2 mVpp |
| Normal-mode current | < 500 µArms | < 500 µArms | < 500 µArms |
| Common-mode current | < 1.5 µArms | < 1.5 µArms | < 1.5 µArms |
| Programming accuracy at 25 °C ± 5 °C | | | |
| Voltage | 0.05 % + 20 mV | 0.05 % + 20 mV | 0.1 % + 5 mV |
| Current | 0.15 % + 4 mA | 0.15 % + 4 mA | 0.2 % + 10 mA |
| Readback accuracy at 25 °C ± 5 °C | | | |
| Voltage | 0.05 % + 20 mV | 0.05 % + 20 mV | 0.1 % + 5 mV |
| Current | 0.15 % + 4 mA | 0.15 % + 4 mA | |
| Resolution | | | |
| Program / readback | 1.5 mV / 0.1 mA | 1.5 mV / 0.1 mA | 0.5 mV / 0.5 mA |
| Meter | 10 mV / 1mA | 10 mV / 1mA | 1 mV / 1mA |

## E3632A, E3633A and E3634A specifications

| Model | E3632A | E3633A | E3634A |
|---|---|---|---|
| DC outputs | | | |
| Voltage | 0 to 15 V / 0 to 30 V | 0 to 8 V / 0 to 20 V | 0 to 25 V / 0 to 50 V |
| Current | 0 to 7 A / 0 to 4 A | 0 to 20 A / 0 to 10 A | 0 to 7 A / 0 to 4 A |
| Ripple and noise from 20 Hz to 20 MHz | | | |
| Normal-mode voltage | < 350 µVrms / 2 mVpp | < 350 µVrms / 2 mVpp | < 500 µVrms / 3 mVpp |
| Normal-mode current | < 2 mArms | < 2 mArms | < 2 mArms |
| Common-mode current | < 1.5 µArms | < 1.5 µArms | < 1.5 µArms |
| Programming accuracy at 25 °C ± 5 °C | | | |
| Voltage | 0.05 % + 10 mV | 0.05 % + 10 mV | 0.05 % + 10 mV |
| Current | 0.2 % + 10 mA | 0.2 % + 10 mA | 0.2 % + 10 mA |
| Readback accuracy at 25 °C ± 5 °C | | | |
| Voltage | 0.05 % + 5 mV | 0.05 % + 5 mV | 0.05 % + 5 mV |
| Current | 0.15 % + 5 mA | 0.15 % + 5 mA | 0.15 % + 5 mA |
| Resolution | | | |
| Program | 1 mV / 0.5 mA | 1 mV /1 mA | 3 mV / 0.5 mA |
| Readback | 0.5 mV / 0.1mA | 0.5 mV / 1mA | 1.5 mV / 0.5 mA |

## Measurement Automation Quick and Easy

Whatever instrument you're programming - a power supply, power meter or data acquisition device, whether distributed or local - Agilent VEE graphical language software and GPIB, USB and instrument control products provide you the ease and flexibility to set up and automate the way you want for your application need. Make measurements quickly, easily, affordably - today.

**www. agilent.com/find/IO**
**www.agilent.com/find/VEE**

### Recommended service options

Additional two years of Return-to-Agilent warranty
Additional two years of Return-to-Agilent calibrations
For more information go to **www.agilent.com/find/removealldoubt**

Technical data, availability, and pricing subject to change without notice.
© Agilent Technologies, Inc. 2012, Printed in USA, March 22, 2012
5990-4573EN

Agilent Technologies

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP