

E36150 Series NPI One-Pager

Aaron Ooi, Product Planner EISG COE
8 Aug 2022

E36150 Series 800W Bench DC Power Supply

Market Overview

Target Market, Industry, Customer Profile(s), Application	<ul style="list-style-type: none"> General-purpose bench power supply 500-1000W ADGS, Automotive, Education, General/Consumer Electronics, IC. R&D, HW Design, Validation, Reliability, Academic Researchers.
Key Competitive Products	<ul style="list-style-type: none"> GW Instek PLR/PSB/PSW BK Precision 9205/06 iTech IT6723 TDK Lambda Z+ Kikusui PAV/PWR Chroma 62000P

Customer Insight Summary (Challenger)

A: Current State: Customer Thinks/Does	<ul style="list-style-type: none"> Insufficient advanced setting at higher power levels Multiple instrument setup that are complex, long setup time and high cost.
Gap: What the customer doesn't see/understand	<ul style="list-style-type: none"> Insufficient usable power, test system cost, setup complexity, ease of use and reliability. Most engineer believe higher power supplies capable of advanced testing are big, bulky, expensive and complex.
B: New Approach: The action the customer should take is	<ul style="list-style-type: none"> Perform advanced higher power testing efficiently and cost effectively with a simple setup on a one-box solution.
Our Solution (Keysight's unique differentiators)	<ul style="list-style-type: none"> A single power supply with advanced capabilities including scope view, AWG, data logging, peak power handling, advanced software control and analysis, automation, remote and cloud-based data sharing/analysis.
Description and Key Features	<ul style="list-style-type: none"> 800W Autoranging DC Power Supplies. Clean, reliable power. Convenient benchtop capabilities. Intuitive control interfaces. Advanced characterization functionalities.



TOP 3 THINGS YOU NEED TO KNOW ABOUT THIS LAUNCH

- Two autoranging models (30V,80A / 60V,40A) offering plenty of usable power, safe and easy to use.
- Affordable while providing immense value to meet all high-power testing requirements.
- Built for performance and packed with advanced characterization capabilities in one box test solution.

Configuration & Pricing Summary

Base Price and Product Numbers	E36154A: Price \$3500	E36155A: Price \$3500	E36150ADVU: Price \$500
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Timeline & Marketing Activities

Schedule	AFS: 2 Sep 2022
Key Activities	Early Adoption Program, KGM Campaign, App Note, Blogs, Videos etc.

Responsibility Summary

Key Industry Segments	ADGS, GEMS and AES.
Key Contacts	Planner: Aaron Ooi Product Manager: Gaik Ling / Dushsyant Product Marketing: Chang Choon Hin

E36150 Series 800W Bench DC Power Supply

Affordable with Immense Value to Meet your High-Power Testing Requirements



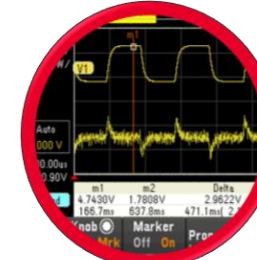
Clean Reliable Power



Convenient Benchtop Capabilities



Intuitive Interfaces



Advanced Characterization

ACCURATE, FAST & RELIABLE



Keysight E36150 Series
Auto-ranging Bench DC Power Supply

Two Auto-Ranging 800W Models Providing Plenty of Usable Power

- 30V, 80A
- 60V, 40A

Convenient Bench Form Factor with Excellent Performance

- NEW! Detachable high current front binding post.
- Precise output control with high accuracy and low ripple noise.
- Adjustable voltage slew rate
- Front 4-wire remote sensing

Best-In-Class Features and Functionalities

- Integrated voltmeter and ammeter.
- Datalogging as fast as 10ms interval.
- Peak power handling able to accommodate start-up power surge.
- Scope View and AWG upgrade option.

Software Control, Analysis and Data Sharing

- BV0003B Pathwave Power Supply with Test Flow Automation.
- BV9200/1B BenchVue Advanced Power Control and Analysis.

Target Market & Customers

- **Aerospace & Defense** applications in airborne avionic testing, avionics display system, satellite testing and others.
- **General Purpose & Consumer Electronics** measurement applications in R&D and education
- **IC & Component** applications in DC/DC converter & inverter, voltage drop tests, sensors tests, electromechanical drivers testing, crystal oscillator testing and others.
- **Automotive & Energy** applications in safety system testing, vehicle lighting test, automotive-battery automated charging, high power DC motor, solar panel array, and others.

HIGH POWER, SAFE & EASY TO USE

