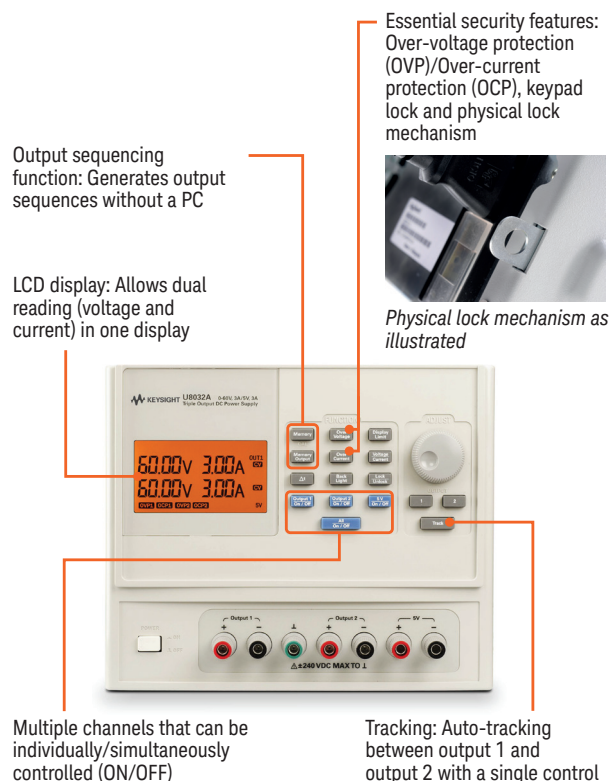


- 375 W total power for three outputs
- Output sequencing capability
- Excellent load regulation (CV: $< 0.01\% + 2 \text{ mV}$; CC: $< 0.02\% + 2 \text{ mA}$) ensures stable output
- Provides clean output with $\leq 1 \text{ mVrms}$ (0.5 mVrms typical) noise
- Fast $< 50 \mu\text{s}$ transient response for stable testing
- Dual display shows both voltage and current reading
- Over-voltage and over-current protection

Front panel description



Power supplies come with:

Power cord, Quick Reference Guide, CD ROM (contains User Guide and Service Guide), Certificate of Calibration

Ordering information

Part	Description
U8031A	Triple-output DC power supply 30 V/6 A (2x) & 5 V/3 A; 375 W
U8031A-ABA	English language user guide, printed
U8031A-ACF	Japan – Japanese user guide, printed
U8031A-UK6	Commercial calibration with test result data
U8031A-1CM	Rackmount kit – mounts one with blank filler panel included
U8032A	Triple-output DC power supply 60 V/3 A (2x) & 5 V/3 A; 375 W
U8032A-ABA	English language user guide, printed
U8032A-ACF	Japan – Japanese user guide, printed
U8032A-UK6	Commercial calibration with test result data
U8032A-1CM	Rackmount kit – mounts one with blank filler panel included
E3600A-100	Test lead kit

Key specifications

	U8001A	U8002A	U8031A (New)	U8032A (New)
Number of outputs	1	1	3	3
DC outputs				
Voltage 1	30 V	30 V	30 V	60 V
Current 1	3 A	5 A	6 A	3 A
Voltage 2	–	–	30 V	60 V
Current 2	–	–	6 A	3 A
Voltage 3 (fixed)	–	–	5 V	5 V
Current 3	–	–	3 A	3 A
Power (max)	90 W	150 W	375 W	375 W
Programming accuracy	0.35% + 20 mV	0.35% + 20 mV	0.25% + 15 mV	0.25% + 15 mV
Readback accuracy	0.35% + 20 mV	0.35% + 20 mV	0.25% + 10 mV	0.25% + 10 mV
Load and line regulation				
Voltage	0.01% + 2 mV	0.01% + 2 mV	0.01% + 2 mV	0.01% + 2 mV
Current	0.02% + 2 mA	0.02% + 2 mA	0.02% + 2 mA	0.02% + 2 mA
Ripple and noise (20 Hz to 20 MHz)	< 1 mVrms, 12 mVp-p	< 1 mVrms, 12 mVp-p	< 1 mVrms, 10 mVp-p (< 0.5 mVrms, 5 mVp-p typical)	< 1 mVrms, 10 mVp-p (< 0.5 mVrms, 5 mVp-p typical)
Meter resolution				
Voltage	10 mV	10 mV	10 mV	10 mV
Current	10 mA	10 mA	10 mA	10 mA
Transient response	< 50 μs	< 50 μs	< 50 μs	< 50 μs
Over-voltage and over-current protection	Yes	Yes	Yes	Yes