

## AL Series—Single output



212 mm W x 132 mm H x 346 mm D (Without Bumper)  
234 mm W x 147 mm H x 391 mm D (With Bumper)

## AL Series—Dual output



212 mm W x 132 mm H x 346 mm D (Without Bumper)  
234 mm W x 147 mm H x 391 mm D (With Bumper)

# AL Series—Single output

Precision DC Power Supply

# Dual output

Precision DC Power Supply



Specifications	Single output	Dual output	
	AL 3005	AL 3005D	
	150W	150W x 2	
<b>DC Output</b>			
Voltage	30V	30V x 2	
Current	5A	5A x 2	
<b>Output Accuracy</b> ±(% of output + offset)			
Voltage	0.03%+50mV	P1 : 0.03%+50mV	P2 : 0.1%+100mV
Current	0.1%+50mA	P1 : 0.1%+50mA	P2 : 0.1%+100mA
<b>Meter Accuracy</b> ±(% of output + offset)			
Voltage	0.05%+50mV	P1 : 0.05%+50mV	P2 : 0.1%+70 mV
Current	0.1%+30mA	P1 : 0.1%+30mA	P2 : 0.1%+70 mA
<b>Load Regulation</b> ±(% of output + offset)			
Voltage	0.01%+30mV	0.01%+30mV	
Current	0.01%+50mA	0.01%+50mA	
<b>Line Regulation</b> ±(% of output + offset)			
Voltage	0.01%+20mV	0.01%+20mV	
Current	0.01%+10mA	0.01%+10mA	
<b>Ripple &amp; Noise</b> (20Hz to 20MHz)			
Normal Mode Voltage	1mVrms,15mVpp	P1 : 1mVrms,15mVpp	P2 : 1mVrms, 20mVpp
Normal Mode Current	3mArms	3mArms	
<b>Resolution</b>			
Set	10mV / 10mA	10mV / 10mA	
Meter	10mV / 10mA	10mV / 10mA	
<b>Voltage Programming Speed</b>			
Up—Full Load	12msec	12msec	
No Load	12msec	12msec	
Down – Full Load	15msec	15msec	
No Load	110msec	110msec	
<b>Transient Response</b>			
Less than 70µs for output recover to within 100mV following a change in current output from full load to half load			

## FEATURES

- ❖ Bench-top and 19-inch standard rack mountable
- ❖ Self-compensation by monitoring output and display
- ❖ CV/CC mode automatic crossover by setup limit
- ❖ Storable up to 5 settings at each output port
- ❖ Power fail feature to recall the latest setting value
- ❖ DUT(Device Under Test)Protection by OVP&OCP