

# E36300 系列、E3631A的比较

	E3631A			E36311A			E36312A			E36313A		
<b>Performance Specifications</b>												
<b>Power Output</b>	80W			80W			80W			160W		
DC output Rating (0 to 40 °C)	1	2	3	1	2	3	1	2	3	1	2	2
	0 to +6V	0 to +25V	0 to -25V	0 to +6V	0 to +25V	0 to -25V	0 to +6V	0 to 25V	0 to 25V	0 to +6V	0 to 25V	0 to 25V
	0 to 5A	0 to 1A	0 to 1A	0 to 5A	0 to 1A	0 to 1A	0 to 5A	0 to 1A	0 to 1A	0 to 10A	0 to 2A	0 to 2A
DC output Voltage (0 to 40 °C) - series mode				NA	NA	NA	NA	50V	NA	NA	50V	NA
DC output Current (0 to 40 °C) - series mode				NA	NA	NA	NA	2A	NA	NA	4A	NA
Load regulation ± (% of output + offset)												
Voltage	<0.01% +2mV			<0.01% +2mV			<0.01% +2mV			<0.01% +4mV		
Current	<0.01% +250uA			<0.01% +250uA			<0.01% +250uA			<0.01% +500uA		
Line regulation ± (% of output + offset)												
Voltage	<0.01% +2mV			<0.01% +1mV			<0.01% +1mV			<0.01% +1mV		
Current	<0.01% +250uA			<0.01% +250uA			<0.01% +250uA			<0.01% +500uA		
Output Ripple and noise (20 Hz to 20 MHz)												
Normal Mode Voltage	<350uVrms/2mVpp			<350uVrms/2mVpp			<350uVrms/2mVpp			<350uVrms/ 2mVpp	< 1mVrms/ 5mVpp	
Accuracy(1) 12 months (25 °C + 5 °C)												
Programming accuracy ± (% of output + offset)												
Voltage	0.1%+ 5mV	0.05%+20mV	0.1%+ 5mV	0.05%+20mV	0.03%+ 2mV	0.03%+5mV	0.03%+3mV	0.03%+5mV	0.03%+3mV	0.03%+5mV	0.03%+5mV	0.03%+5mV
Current	0.2%+ 10mA	0.15%+4mA	0.1%+ 10mA	0.1%+4mA	0.04%+3mA	0.04%+2mA	0.05%+4mA	0.04%+3mA	0.04%+3mA	0.05%+4mA	0.04%+3mA	0.04%+3mA
Readback(2) accuracy ± (% of output + offset)												
Voltage	0.1%+ 5mV	0.05%+10mV	0.1%+ 5mV	0.05%+10mV	0.04%+ 2mV	0.04%+5mV	0.04%+3mV	0.04%+5mV	0.04%+3mV	0.04%+3mV	0.03%+5mV	0.03%+5mV
Current	0.2%+ 10mA	0.15%+4mA	0.1%+ 10mA	0.1%+4mA	0.04%+3mA	0.04%+3mA	0.05%+5mA	0.04%+3mA	0.04%+3mA	0.05%+5mA	0.04%+3mA	0.04%+3mA
Small Current	NA			NA			0.25%+ 80uA			0.25%+80uA		
Load transient recovery time (Time to recover to within the settling band following a load change from 50% to 100% and from 100% to 50% of full load)												
Voltage settling band	15mV			15mV			15mV			15mV	30mV	15mV
Time	< 50 uS			< 50 uS			< 50 uS			< 50 uS		
Voltage settling band (Parallel Mode)	NA			NA			NA	30mV	NA	NA	30mV	NA
Time (Parallel Mode)	NA			NA			NA	< 50 uS	NA	NA	< 50 uS	NA