

	3662A	3663A	3664A
Output Ratings			
Voltage	0~35V	0~80V	0~120V
Current	0~14.5A	0~6.5A	0~4.2A
Ripple and Noise (20 Hz to 20 MHz)			
Voltage (root mean square value)	<5mVrms	<8mVrms	<8mVrms
Voltage (peak-to-peak value)	<10mVp-p	<14mVp-p	<18mVp-p
Current	<2mArms	500uArms	500uArms
Common Mode Current	1.5mArms	1.5mArms	1.5mArms
Load Regulation			
Voltage	1mV	1mV	2mV
Current	1mA	0.5mA	0.3mA
Line Regulation			
Voltage	1mV	1mV	2mV
Current	1mA	0.5mA	0.3mA
Programming Accuracy			
Voltage	0.03%+5mV	0.03%+10mV	0.03%+15mV
Current	0.03%+6mA	0.03%+3mA	0.03%+2mA
Readback Accuracy			
Voltage	0.02%+2mV	0.02%+5mV	0.02%+8mV
Current	0.02%+5mA	0.02%+2.5mA	0.02%+1.5mA
Programming Resolution			
Voltage	1mV	2mV	4mV
Current	1mA	1mA	1mA
Readback Resolution			
Voltage	1mV	2mV	4mV
Current	1mA	1mA	1mA
Meter Resolution			
Voltage	1mV	2mV	4mV
Current	1mA	1mA	1mA



Operating Temperature

0~40°C	0~80%RH
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Cooling

Fan Cooling

Programming Language

SCPI (Standard Commands for Programmable Instruments)

Recommended Calibration Interval

1 year

Net Weight

5.5 kg

Dimensions

212.6mm(W)×132.6mm(H)×360mm(D) (8.4×5.2×14.2 in)
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Supplemental Characteristics

Output Programming Range (maximum programmable values)

	3662A	3663A	3664A
Voltage	0~35.2V	0~80.2V	0~120.2V
Current	0~14.5A	0~6.5A	0~4.2A

Temperature Coefficient, ±(% of output + offset)

Maximum change in output/readback per °C after a 30-minute warm-up.

	3662A	3663A	3664A
Voltage	30ppm + 0.5mV	30ppm + 0.8mV	30ppm + 1mV
Current	30ppm + 0.2mA	30ppm + 0.1mA	30ppm + 0.1mA

Stability, ±(% of output + offset)

Following a 30-minute warm-up, the change occurs in output within 8 hours under constant load, line, and ambient temperature.

	3662A	3663A	3664A
Voltage	0.02% + 2mV	0.02% + 3mV	0.02% + 4mV
Current	0.02% + 6mA	0.02% + 3mA	0.02% + 2mA

Voltage Programming Speed

Maximum time required for output voltage to settle within 1% of its total excursion (for resistive load). Command processing time is excluded.

	3662A	3663A	3664A
Full load Up	20msec	22msec	22msec
Full load Down	22msec	22msec	22msec
No load Up	20msec	20msec	22msec
No load Down	22msec	22msec	22msec

AC Input Ratings

AC100V-240V	47Hz~63Hz	750VA Max
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