



Datasheet

RS PRO RS-A3305P

Stock number: 1808786

EN



Input Voltage: 230V ($\pm 10\%$) for EUROPEAN market

Main Features:

- Complete programmable
- 10 mV / 1 mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current modes
- 5 sets of parameters can be stored and recalled
- 100 sets of stored parameters inside for programmable recall
- The remote measurement terminal compensates the voltage drop of the wire
- Industrial grade, with load for a long time
- Interfaces USB and RS232

Specifications:

Model	RS-A3305P	
Voltage Range / Current Range	0-30V / 0-5A * 2, 5V / 3A * 1	
Load Regulation	Voltage: $\leq 0.01\% + 2\text{mV}$	Current: $\leq 0.02\% + 5\text{mA}$
Line Regulation	Voltage: $\leq 0.01\% + 3\text{mV}$	Current: $\leq 0.01\% + 3\text{mA}$
Setup Resolution	Voltage: 10mV	Current: 1mA
Setup Accuracy (25 °C + - 5 °C)	Voltage: $\leq 0.5\% + 20\text{mV}$	Current: $\leq 0.5\% + 15\text{mA}$
Ripple(20hz-20M)	Voltage: $\leq 1.5\text{mVrms}$	Current: $\leq 3\text{mArms}$
Temp. Coefficient	Voltage: $\leq 0.1\% + 10\text{mV}$	Current: $\leq 0.1\% + 5\text{mA}$

Read Back Accuracy	Voltage: 10mV / Current: 1mA
Read Back Temp. Coefficient	Voltage: $\leq 100\text{ppm}+10\text{mv}$ / Current: $\leq 100\text{ppm}+5\text{mA}$
Reaction Time(10% Rated load)	Voltage Rise: $\leq 100\text{mS}$ / Voltage Drop: $\leq 100\text{mS}$ (10% Rated load)
Operation Environment	Indoor use Altitude: $\leq 2000\text{m}$ Ambient temperature $0 \sim 40^{\circ}\text{C}$ Relative humidity $\leq 80\%$
Interfaces	RS232, USB
Accessories	User manual, 1x UK power cord and 1x Euro power cord (1.2M), USB cord (1.2M), software CD
Weight and Dimension	9.4 kg / 380(W)*250(H)*145(D)
Storage Environment	Ambient temperature $-10^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Relative humidity $\leq 70\%$

