



## Datasheet

# RS PRO RS-KEL102

Stock number: 2018211

EN



**Input Voltage: 230V**

### Main Features:

- 0-120V, 0-30A, 150W
- Dynamic mode: up to 10KHZ
- Resolution of voltage and current: 0.1mV/0.1mA
- 4 working modes: CV/CC/CR/CW
- Remote sensing function
- Battery test, automatic test, OPP test, OCP test functions
- 100 sets of storage
- Short circuit function
- Current monitoring function
- Power off memory function
- Interfaces: USB, RS232 & LAN

## Specifications:

Model	<b>RS-KEL102</b>
Input Rating	Power: 150W / Voltage:0-120V / Current: 0-30A
CC Mode	Range: 0-3A / 0-30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$
CV Mode	Range: 0-18V / 0-120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.05\% + 0.025\% \text{ FS})$
CR Mode	Range: 0.05 $\Omega$ -7.5K $\Omega$ Resolution: 16 bit Accuracy: 0.015%+0.1S
CW Mode	Range: 150W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$
Slope	Range: 0-3A / 0-30A Rising: 0.0001-0.15A/us / 0.001-1.5A/us Falling: 0.0001-0.15A/us / 0.001-1.5A/us
Voltage Measurement	Range: 0-18V / 0-120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.025\% + 0.025\% \text{ FS})$
Current Measurement	Range: 0-3A / 0-30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$
Power Measurement	Range: 150W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$
Over Power Protection	160W
Over Current Protection	3.3A/33A
Over Voltage Protection	125V
Over Temperature Protection	85°C
Input Impedance	150K $\Omega$
Interfaces	USB, RS232 & LAN
Weight and Dimension(W*D*H)	5.17 KGS / 107mm*215mm*386mm

