

Single Channel Digital DC Power Supply

- SPE Series



1. 2.8-inch LCD, display more information



3. List waveform editing output, editable 10 groups of timing output.

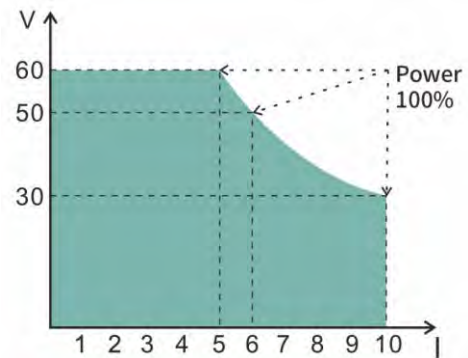


5. Independent output On/Off button control, protect the circuit. Long press to set the automatic output voltage/current 5 seconds after booting.



- + Ultra-thin body, portable and easy to use
- + 150W / 200w / 300w constant power design, wide application range
- + Overvoltage/over current protection
- + Power-on automatic output setting function, suitable for nattended occasions
- + Intelligent temperature control fan cooling, reduce noise
- + 4 groups of Memory shortcut parameters for quick output
- + USB Device communication port, support SCPI
- + Constant voltage cv/constant current CC mode, effectively protect the circuit

2. Constant power design, wide application range, provides flexible configuration of higher voltage and current within the rated power range. One device is equal to multiple.



Schematic diagram of power supply constant power (take SPE6103 for instance)

4. 4 groups of Memory shortcut parameters for quick output



6. Support programming output by PC software via USB host, SCPI digital communication function.



The instrument must be operated continuously for more than 30 minutes at the specified temperature to ensure the following parameters.

		SPE3051(U)	SPE3102(U)	SPE6102(U)	SPE6053(U)	SPE3103(U)	SPE6103(U)
Rated Output (0°C-40°C)	Voltage	0 - 30V	0 - 30V	0 -60V	0 -60V	0 - 30V	0 -60V
	Current	5A	10A	5A	10A		
	Output Power	150W	200W	300W			
USB Output	5V/1A(SPE series) or 18W output, for fast charging under QC 2.0, QC 30., BC 1.2, and mainstream quick charging protocols (SPE-U series)						
Load Regulation	Voltage	≤30mV					
	Current	≤20mA					
Power Regulation	Voltage	≤30mV					
	Current	≤20mA					
Setting Resolution	Voltage	10mV					
	Current	1mA					
Readback Resolution	Voltage	10mV					
	Current	1mA					
Ripple/Noise(*)	Voltage(Vp-p)	≤30mVp-p	≤50mVp-p	≤30mVp-p	≤50mVp-p		
	Voltage (rms)	≤3mVrms	≤5mVrms	≤3mVrms	≤5mVrms		
	Current (Ap-p)	≤30mAp-p					
Response Time (50%-100% rated load)	≤1.0ms						
Storage	4 groups of data						
Working Temperature	0-40°C						
Display	2.8 inch color LCD display						
Dimension	82 x 142 x 226 (mm)						
Weight	2.00kg						
Interface	USB						

Specifications subject to change without prior notice.

* Noise bandwidth 20MHz, ripple bandwidth 1MHz, connect 10uF electrolytic capacitor in parallel with 0.1uF ceramic capacitor to eht output terminal for testiong.

+ Accessories The accessories subject to final delivery.



Power Cord



Quick Guide



USB Cable



Fuse



Test Leads (optional)