SPX Series Wide-Range DC Power Supply

Compact Size Big Performance



SPX3103
30V / 10A / 300W

SPX6103
60V / 10A / 300W

SPX6205
60V / 20A / 500W

- 500W Wide-Range Output
- Compact Body, More Bench Space
- 10mV/1mA Adjustment
- Voltage / Current / Power Simultaneous Display
- OVP / OCP / OTP Multiple Protections
- CC / CV Auto Switching

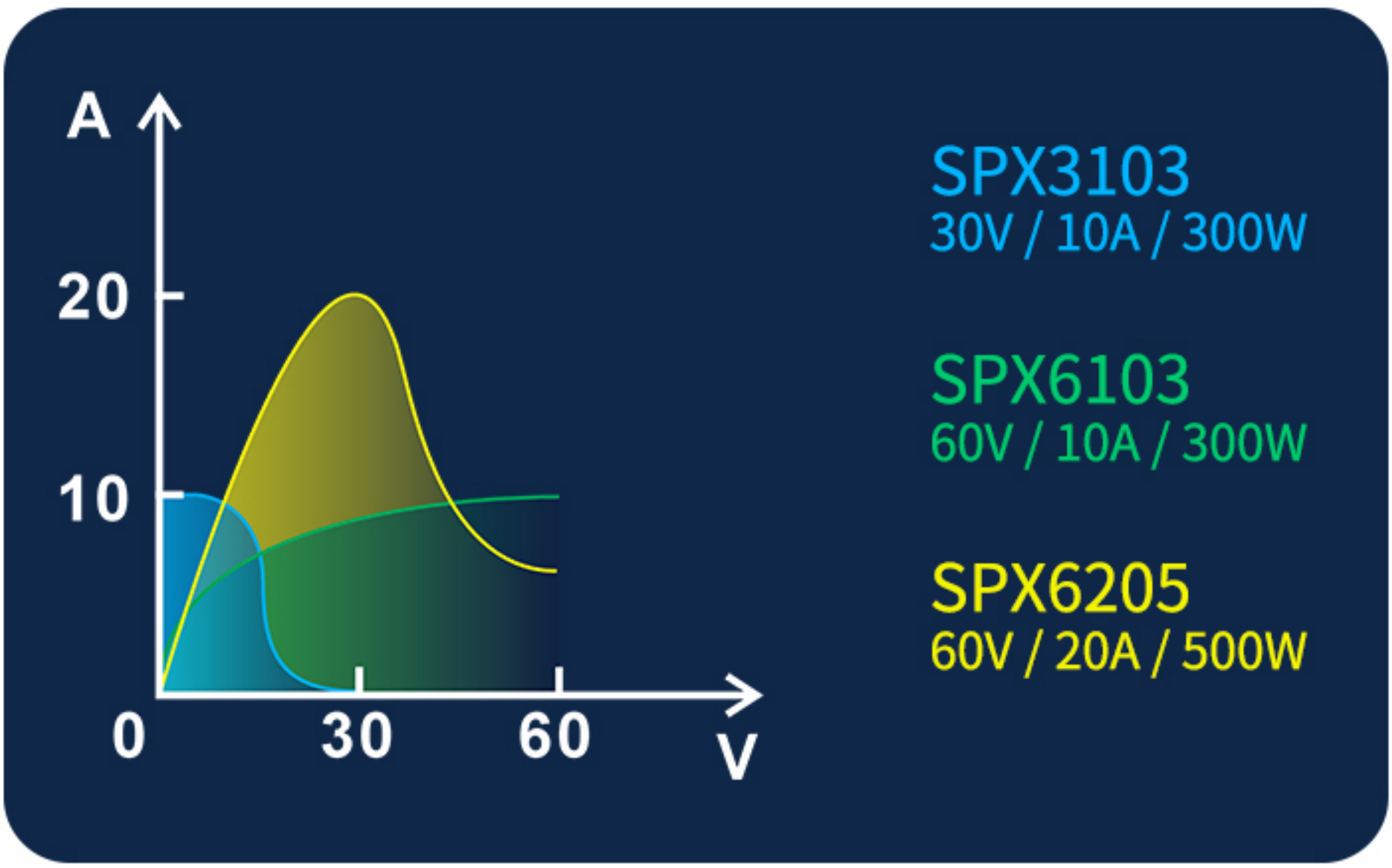
Flexible Options, Precisely Matched to Your Needs!

Model	SPX3103	SPX6103	SPX6205
Max. Output Voltage	30V	60V	60V
Max. Output Current	10A	10A	20A
Max. Output Power	300W	300W	500W
Resolution	1mV / 1mA		

Product Features

Wide-Range Constant-Power Design

One Unit for More Test Scenarios



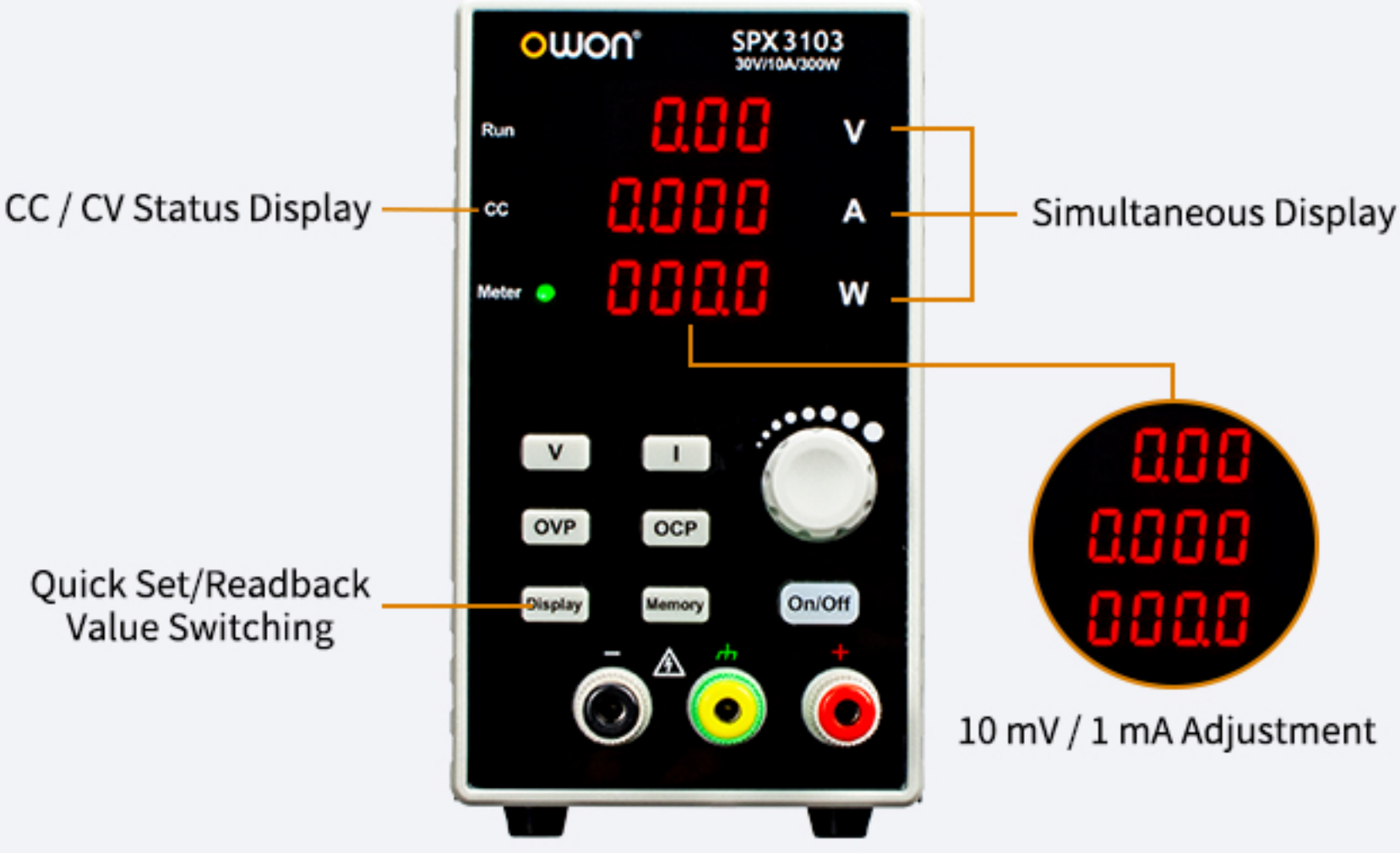
Say Goodbye to a Crowded Bench!

Compact, lightweight body frees up valuable bench space



All Key Readouts on One Screen

4-digit fine display enables smoother voltage/current adjustment and clearer readings



Three Presets for Fast Recall

Save and recall settings for repetitive testing, repair, and production use.

M1 Preset 1	M2 Preset 2	M3 Preset 3
V:xx.xxV I: xx.xxA	V:xx.xxV I: xx.xxA	V:xx.xxV I: xx.xxA



Multiple Protections for Safer Testing

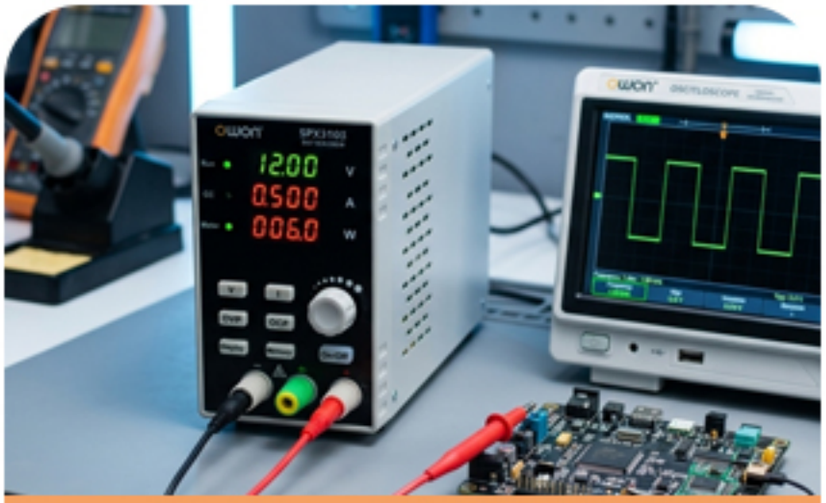


Smart Fan Cooling for Quiet, Reliable Operation

Stable full-load operation from -10°C to 40°C



Applications



R&D Debugging



Repair & Maintenance Testing



Education & Lab Experiments



Burn-in Testing

More Product Information

Product Structure





Product Dimensions



82 mm × 142 mm × 226 mm (W × H × D)

Approx. 1.8 kg (main unit)

Main Specifications

Requires a 30-minute warm-up at operating temp to meet specifications.

Model	SPX3103	SPX6103	SPX6205
Rated Output	0~30V; 0~10A; 300W	0~60V; 0~10A; 300W	0~60V; 0~20A; 500W
Load Regulation	≤33mV (CV) ; ≤30mA (CC)		
Line Regulation	≤33mV (CV) ; ≤20mA (CC)		
Ripple & Noise (Noise bandwidth 20MHz, ripple bandwidth 1MHz, connect 10uF electrolytic capacitor in parallel with 0.1uF ceramic capacitor to the output terminal for testing)			
Voltage (Vrms)	≤40mVrms	≤60mVrms	
Current (Arms)	≤40mArms	≤40mArms	
Setting & Readback Resolution	10mV / 1mA		
Setting & Readback Accuracy	≤0.2%+0.2%FS		
Transient recovery time	≤5.0ms (10%~90% rated load)		
Protective function	OVP, OCP, OTP		
Display	3 x 4bit LED		
Cooling	Fan cooling, temperature intelligent speed control		
Dimension	82mm(Width)× 142mm(Height)×226mm(Depth)		
Weight	Approx. 1.5kg		Approx. 1.8kg

Specifications subject to change without prior notice.

Packing List

Main Unit



User Manual



Power Cord



Banana Plug to Alligator Clip Cable (Optional) Order No.: 7B2A-10

