



DPS Series AC Power Supply

DPS Series AC power source has the characteristics of high quality waveform, strong load adaptability, fast response speed, simple operation and source meter integration. It also has self protections and alert for short circuit, over current, over voltage, over power and over heat. It is equipped with communication interface and specified test software, especially for high demand test situation, it is ideal solution for AC tests.

DPS series AC power supply is widely applied in electrical tools, IT, medical instruments, household appliance, lighting appliance etc and suitable for R&D and quality control.

Model	DPS100 5	DPS10 10	DPS1 020	DPS10 30	DPS10 60	DPS11 50
Max. power output	500VA	1kVA	2kVA	3kVA	6kVA	15kVA
Input						
Phase	1φ					3φ
Voltage	110V/220V±10%		220V±10%			380V±10%
Frequency	50Hz/60Hz					
Output						
Phase	1φ					
Voltage	Range	2V~150V,2V~300V				5V-150V, 5V-300V
	Stability	<0.1%				
Frequency	Range	40Hz-65Hz; 40Hz-450Hz (optional)		45Hz-65Hz; 45Hz-400Hz (optional)		
	Stability	≤0.03%Readingreading+1 字 digit		≤0.05%		
THD	≤0.5%(40.00HZ~65.00HZ) ≤1%(65.1~450.00HZ)			≤1%	≤1.5%	
Load influence	≤0.2%VO+0.2(VO is half load output voltage)			≤0.2%VO+0.1((VO is half load output voltage)		
Source voltage influence	≤0.1%					
Power efficiency	≥75%	≥80%	≥80%	≥85%		≥80%
Communication	RS-232/RS-485/CAN (optional),remote output port					

