



Model	GPS-320U	GPS-321U	GPS-322U
Operation Voltage Range	90 – 264Vac	90 – 264Vac	90 – 264Vac
Operation Frequency Range	45 – 65HZ	45 – 65HZ	45 – 65HZ
Output Voltage Range	0 – 16V	0 – 32V	0 – 60V
Output Current Range	0 – 20A	0 – 10A	0 – 5.5A
Power Factor	≥96%	≥96%	≥96%
Efficiency (230V/100V)	≥86% / 83%	≥88% / 85%	≥89% / 86%
Full Load Input Current(230V/100V)	1.7A / 4.0A	1.65A / 3.9A	1.7A / 4.0A
No Load Input Current(230V)	≤ 200mA	≤ 200mA	≤ 200mA
Volt Meter Accuracy (0-9.9V)	≤ 0.2% + 4 digits	≤ 0.2% + 4 digits	≤ 0.2% + 4 digits
Volt Meter Accuracy(≥10V)	≤ 0.2% + 1 digit	≤ 0.2% + 2 digits	≤ 0.2% + 2 digits
Current Meter Accuracy(0-9.9A)	≤ 0.2% + 4 digits	≤ 0.2% + 4 digits	≤ 0.2% + 4 digits
Current Meter Accuracy(≥10A)	≤ 0.2% + 1 digit	≤ 0.2% + 1 digit	
Constant Voltage			
Load Regulation (0-100%)	≤ 20mV	≤ 20mV	≤ 20mV
Line Regulation (90-264V)	≤ 5mV	≤ 5mV	≤ 5mV
Ripple & Noise (Peak-Peak)	≤ 30mV	≤ 30mV	≤ 30mV
Ripple & Noise (r.m.s)	≤ 5mV	≤ 5mV	≤ 5mV
Set Accuracy	≤ 0.2% + 50mV	≤ 0.2% + 0.1V	≤ 0.2% + 0.1V
Transient Response Time (50%-100%)	≤ 1.0ms	≤ 1.0ms	≤ 1.0ms
Constant Current			
Load Regulation (90%-10% Rated Voltage)	≤ 100mA	≤ 100mA	≤ 100mA
Line Regulation (90-264V)	≤ 20mA	≤ 20mA	≤ 20mA
Ripple & Noise (Peak-Peak)	≤ 100mA	≤ 100mA	≤ 100mA
Set Accuracy	≤ 0.2% + 0.1A	≤ 0.2% + 0.1A	≤ 0.2% + 0.1A
Size (L × W × H mm)	248 × 188 × 81	248 × 188 × 81	248 × 188 × 81