



Features

- Universal AC input / Full range
- No load power consumption <0.3W for GS40/60; <0.5W for GS90/120
- ENERGY STAR compliant
- Meet EISA 2007 (Energy Independence and Security Act) for full series
- Built-in active PFC function, PF >0.91 (GS90) & PF>0.95 (GS120)
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Over voltage / Overload / Over temperature
- Fully enclosed plastic case
- LED indicator for power on
- Pass LPS (except for GS120)
- 2 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Order No.	GS40	GS60	GS90	GS120 Under Development
AC input voltage range	90~264VAC / 1.0A	90~264VAC / 1.4A	90~264VAC / 2.0A	
AC inrush current (max.)	Cold start, <65A peak at 230VAC		Cold start, <90A peak at 230VAC	
Overload protection	Range	105%~150% rated output power		110%~150%
	Type	Hiccup mode, auto-recovery		
Over voltage protection	105%~135% rated output voltage			
Setup, rise, hold up time	600ms, 30ms, 50ms at 230VAC input	600ms, 30ms, 50ms at 230VAC input	1000ms, 20ms, 20ms at 230VAC input	2000ms, 20ms, 20ms at 230VAC input
Withstand voltage	I/P-O/P:3kVAC			
Working temperature	0~+60°C	-10~+50°C	0~+50°C	-30~+70°C
Safety standards	UL60950-1, EN60950-1, BSMI CNS14336, CCC GB4943 approved (120W pending)			
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, CNS13438, GB9254, FCC part15 class B			
Length of output cable	100cm of UL1185, 16AWG for 5~15V; 180cm of UL1185, 18AWG for 18~48V		100cm of UL1185, 14AWG for 12~15V; 120cm of UL1185, 16AWG for 19~48V	
Standard DC plug	P1J: (refer to page 64 for DC plug list) 2.1øx5.5øx11mm / C+, tuning fork type		P1M: 2.5øx5.5øx11mm / C+, tuning fork type	
				R7B: Power DIN 4P with lock type

Desktop (IEC 320-C14 / Class I)— 40W

Order No.	Output	Tol.	R&N	Effi.
GS40A05-P1J	5V, 0~5.00A	±5%	100mV	80.5%
GS40A07-P1J	7.5V, 0~5.34A	±5%	100mV	85.5%
GS40A09-P1J	9V, 0~4.45A	±5%	100mV	85.0%
GS40A12-P1J	12V, 0~3.34A	±3%	100mV	89.0%
GS40A15-P1J	15V, 0~2.67A	±3%	100mV	89.5%
GS40A18-P1J	18V, 0~2.22A	±3%	150mV	90.0%
GS40A24-P1J	24V, 0~1.67A	±2.5%	180mV	91.0%
GS40A48-P1J	48V, 0~0.84A	±2.5%	240mV	92.0%

Desktop (IEC 320-C14 / Class I)— 60W

Order No.	Output	Tol.	R&N	Effi.
GS60A05-P1J	5V, 0~6.00A	±5%	100mV	79.5%
GS60A07-P1J	7.5V, 0~6.00A	±5%	100mV	84.0%
GS60A09-P1J	9V, 0~6.00A	±5%	100mV	85.0%
GS60A12-P1J	12V, 0~5.00A	±3%	100mV	88.0%
GS60A15-P1J	15V, 0~4.00A	±3%	100mV	88.5%
GS60A18-P1J	18V, 0~3.33A	±3%	150mV	88.5%
GS60A24-P1J	24V, 0~2.50A	±3%	180mV	90.0%
GS60A48-P1J	48V, 0~1.25A	±2.5%	240mV	92.0%

Desktop (IEC 320-C14 / Class I)— 90W

Order No.	Output	Tol.	R&N	Effi.
GS90A12-P1M	12V, 0~6.67A	±5%	80mV	88.0%
GS90A15-P1M	15V, 0~6.00A	±5%	100mV	89.0%
GS90A19-P1M	19V, 0~4.74A	±4%	150mV	89.0%
GS90A24-P1M	24V, 0~3.75A	±3%	180mV	89.5%
GS90A48-P1M	48V, 0~1.875A	±2%	240mV	91.0%

Desktop (IEC 320-C14 / Class I)— 120W Under Development

Order No.	Output	Tol.	R&N	Effi.
GS120A12-R7B	12V, 0~8.5A	±5%	80mV	89%
GS120A15-R7B	15V, 0~7.0A	±5%	100mV	89%
GS120A20-R7B	20V, 0~6.0A	±4%	150mV	90%
GS120A24-R7B	24V, 0~5.0A	±3%	180mV	90%
GS120A48-R7B	48V, 0~2.5A	±2%	240mV	91%