



Features

- Universal AC input / Full range
- No load power consumption <0.3W for GS40/60; <0.5W for GS90/120
- ErP step 2 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 tempature (except for GS40)
- 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 
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%	105%~135%
	Type	Hiccup mode, auto-recovery			
Over voltage protection		105%~135% rated output voltage			
Setup, rise, hold up time		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, I/P-FG: 1.5kVAC			I/P-FG: 3kVAC
Working temperature		0~+60℃	-10~+50℃	0~+50℃	-30~+70℃
Safety standards		UL60950-1, EN60950-1, BSMI CNS14336, CCC GB4943 approved			
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 UL2464, 16AWG for 5~9V; 100cm of UL1185, 16AWG for 12~15V; 180cm of UL1185, 18AWG for 18~48V		100cm of UL1185, 14AWG for 12~15V; 120cm of UL1185, 16AWG for 19~48V	120cm of UL2464, 16AWGx4C
Standard DC plug (refer to page 66 for DC plug list)		P1J: 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	81.0%
GS60A07-P1J	7.5V, 0~6.00A	±5%	100mV	85.5%
GS60A09-P1J	9V, 0~6.00A	±5%	100mV	87.5%
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, 0~1.87A	±2%	240mV	91.0%

Desktop (IEC 320-C14 / Class I)— 120W **NEW**

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%