



### Features

- Universal AC input / Full range
- No load power consumption <0.3W for GS40/60; <0.5W for GS90
- Pass energy star level IV (CEC) for full series
- Meet energy star level V for 12~48V
- Built-in active PFC function, PF >0.93(only for GS90)
- 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
- 2 years warranty



### General Specification (Please refer to [www.meanwell.com](http://www.meanwell.com) for detail spec.)



Order No.	GS40A <b>NEW</b>	GS60A <b>NEW</b>	GS90A <b>Developing</b>
AC input voltage range	90~264VAC / 1.0A	90~264VAC / 1.4A	90~264VAC / 2.0A
AC inrush current (max.)	Cold start, <70A peak at 230VAC		Cold start, <90A peak at 230VAC
Overload protection	110~140% rated output power, Hiccup mode, auto-recovery		110~150% rated output power, Hiccup mode, auto-recovery
Over voltage protection	105~135% rated output voltage		
Setup, rise, hold up time	600ms, 20ms, 50ms at 230VAC input	2500ms, 30ms, 50ms at 230VAC input	800ms, 20ms, 20ms at 230VAC input
Withstand voltage	I/P-O/P:3KVAC, 1 minute		
Working temperature	-10~+50°C (refer to output load derating curve)	-10~+50°C (refer to output load derating curve)	0~+50°C (refer to output load derating curve)
Safety standards	UL60950-1, CSA22.2, EN60950-1, BSMI CNS14336, CCC GB4943 (GS90 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	120cm of UL1185, 16AWG for 5~15V; 180cm of UL1185, 18AWG for 18~48V		100cm of UL1185, 14AWG for 12V; 120cm of UL1185, 16AWG for 15~48V
Standard DC plug	P1J: 2.1øx5.5øx11mm / C+, tuning fork type (refer to page 60 for DC plug list)		P1M: 2.5øx5.5øx11mm / C+, tuning fork type (refer to page 60 for DC plug list)
Dimension (L*W*H)(mm)	125x 50x 31.5		145x 60x 32

### 40W (IEC 320-C14 Class I)

GS40A **NEW**

Stock No.	Order No.	Output	Tol.	R&N	Effi.
14401	GS40A05-P1J	5V, 0~5.00A	±5%	100mV	81.0%
14402	GS40A07-P1J	7.5V, 0~5.34A	±5%	100mV	85.5%
14403	GS40A09-P1J	9V, 0~4.45A	±5%	100mV	85.0%
14404	GS40A12-P1J	12V, 0~3.34A	±3%	100mV	89.0%
14405	GS40A15-P1J	15V, 0~2.67A	±3%	100mV	89.5%
14406	GS40A18-P1J	18V, 0~2.22A	±3%	150mV	90.0%
14407	GS40A24-P1J	24V, 0~1.67A	±2.5%	180mV	91.0%
14408	GS40A48-P1J	48V, 0~0.84A	±2.5%	240mV	92.5%

### 90W (IEC 320-C14 Class I)

GS90A **Developing**

Stock No.	Order No.	Output	Tol.	R&N	Effi.
14421	GS90A12-P1M	12V, 0~6.67A	±5%	80mV	87%
14422	GS90A15-P1M	15V, 0~6.00A	±5%	100mV	87%
14423	GS90A19-P1M	19V, 0~4.74A	±4%	150mV	88%
14424	GS90A24-P1M	24V, 0~3.75A	±3%	180mV	89%
14425	GS90A48-P1M	48V, 0~1.875A	±2%	240mV	89%

### 60W (IEC 320-C14 Class I)

GS60A **NEW**

Stock No.	Order No.	Output	Tol.	R&N	Effi.
14411	GS60A05-P1J	5V, 0~6.00A	±5%	100mV	79.5%
14412	GS60A07-P1J	7.5V, 0~6.00A	±5%	100mV	84.5%
14413	GS60A09-P1J	9V, 0~6.00A	±5%	100mV	85.5%
14414	GS60A12-P1J	12V, 0~5.00A	±3%	100mV	88.0%
14415	GS60A15-P1J	15V, 0~4.00A	±3%	100mV	88.5%
14416	GS60A18-P1J	18V, 0~3.33A	±3%	150mV	89.0%
14417	GS60A24-P1J	24V, 0~2.50A	±3%	180mV	90.0%
14418	GS60A48-P1J	48V, 0~1.25A	±2.5%	240mV	92.0%



### To Satisfy our customers is our goal —

- High Quality
- Low Cost
- Prompt Delivery
- Best Service



We are a TQM (Total Quality Management) company and ISO-9001 certified since 1994.



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