



Внешние подключаемые источники питания серии SGA

Технические характеристики



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Industrial Adaptor

12~25W Slim Wall-mounted



Features

- Universal AC input / Full range
- No load power consumption <0.075W
- **Energy efficiency level VI**
- Comply with EISA 2007/DoE, EU ErP
- 2 pole US/European type plug
- Class II power (without earth pin)
- Protections: Short circuit / Over load / Over voltage
- Pass LPS
- Fully enclosed plastic case
- Approvals:
U type: UL / CUL / CB / FCC; E type: TUV / CB / CE
- 3 years warranty

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



Model No.	SGA12□	SGA18□	SGA25□
AC input voltage range	90~264VAC; 127~370VDC		
AC inrush current (max.)	Cold start, 45A at 230VAC	Cold start, 50A at 230VAC	Cold start, 60A at 230VAC
DC adjustment range	±10% rated output voltage		
Overload protection	Range	110%~250% rated output power	
	Type	Hiccup mode, auto recovery	
Over voltage protection	Range	110%~140% rated output voltage	
	Type	Clamp by Zener diode	
Setup, rise, hold up time	1300ms, 50ms, 16ms	300ms, 30ms, 16ms	300ms, 60ms, 18ms
Withstand voltage	I/P-O/P: 4242VDC		
Working temperature	-20~+60°C (refer to output derating curve)		
Safety standards	U-Type: UL60950-1, CSA22.2 approved; E-Type: TUV EN60950-1 approved		
EMC standards	U-Type: FCC part15 class B; E-Type: EN55022 class B		
Length of output cable	100cm of 18AWG for SGA12□05~07-P1J 120cm of 22AWG for SGA12□09-P1J 180cm of 24AWG for SGA12□12~48-P1J	100cm of 16AWG for 5~9V 100cm of 18AWG for 12V 150cm of 22AWG for 15~48V	100cm of 16AWG for 5~12V 180cm of 18AWG for 15~18V 180cm of 20AWG for 24~48V
Standard DC Plug (refer to page 62 for DC plug list)	USB: Type A; P1J: 2.1x5.5x11mm / C+, tuning fork type		
Dimension (LxWxH)(mm)	62.2x 27.4x 39.7	75.5x 32x 47.5	

Wall-mounted — 12W

Model No.	Output	Tol.	R&N	Effi.
SGA12□05-USB	5V, 2.40A	±5%	50mV	80.0%
SGA12□05-P1J	5V, 2.40A	±5%	50mV	80.0%
SGA12□07-P1J	7.5V, 1.60A	±5%	50mV	83.0%
SGA12□09-P1J	9V, 1.33A	±3%	80mV	83.0%
SGA12□12-P1J	12V, 1.00A	±3%	80mV	83.0%
SGA12□15-P1J	15V, 0.80A	±3%	80mV	84.5%
SGA12□18-P1J	18V, 0.666A	±3%	80mV	85.0%
SGA12□24-P1J	24V, 0.50A	±2%	100mV	86.0%
SGA12□48-P1J	48V, 0.25A	±2%	100mV	88.0%
□ = U/E; U: American 2P, E: European 2P				

Wall-mounted — 18W

Model No.	Output	Tol.	R&N	Effi.
SGA18□05-P1J	5V, 3.00A	±5%	80mV	80.5%
SGA18□09-P1J	9V, 2.00A	±5%	80mV	84.5%
SGA18□12-P1J	12V, 1.50A	±3%	80mV	84.0%

Model No.	Output	Tol.	R&N	Effi.
SGA18□15-P1J	15V, 1.20A	±3%	80mV	84.0%
SGA18□18-P1J	18V, 1.00A	±3%	80mV	84.5%
SGA18□24-P1J	24V, 0.75A	±2%	80mV	85.0%
SGA18□48-P1J	48V, 0.375A	±2%	120mV	86.0%
□ = U/E; U: American 2P, E: European 2P				

Wall-mounted — 25W

Model No.	Output	Tol.	R&N	Effi.
SGA25□05-P1J	5V, 4.00A	±5%	80mV	82.0%
SGA25□07-P1J	7.5V, 2.93A	±5%	80mV	85.5%
SGA25□09-P1J	9V, 2.77A	±5%	80mV	86.0%
SGA25□12-P1J	12V, 2.08A	±3%	80mV	86.0%
SGA25□15-P1J	15V, 1.66A	±3%	80mV	86.5%
SGA25□18-P1J	18V, 1.38A	±3%	80mV	86.5%
SGA25□24-P1J	24V, 1.04A	±2%	80mV	87.0%
SGA25□48-P1J	48V, 0.52A	±2%	120mV	88.5%
□ = U/E; U: American 2P, E: European 2P				

Industrial Adaptor

40W&60W Slim Wall-mounted



SGA40E



SGA40U



SGA60E



SGA60U

Features

- Universal AC input / Full range
- No load power consumption <0.075W for SGA40 and SGA60 5~7.5V;
<0.15W for SGA60 9~48V
- **Energy efficiency Level VI**
- Comply with EISA 2007/DoE, EU ErP
- 2 pole US/European type plug
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage
- Pass LPS
- Fully enclosed plastic case
- LED indicator for power on (60W only)
- 3 year warranty

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



Model No.	SGA40□	SGA60□
AC input voltage range	90~264VAC; 127~370VDC	
AC inrush current (max.)	Cold start, 70A at 230VAC	Cold start, 80A at 230VAC
Overload protection	Hiccup mode, auto recovery	
Over voltage protection	110%~140% rated output voltage, clamp by Zener diode	
Setup, rise, hold up time	500ms, 100ms, 12ms at full load	500ms, 50ms, 12ms at full load
Withstand voltage	I/P-O/P:4242VDC, 1 minute	
Working temperature	-20~+50°C (refer to output derating curve)	
Safety standards	U-Type: UL60950-1, CSA 22.2 approved; E-Type: TUV EN60950-1 approved	
EMC standards	U-Type: FCC part15 Class B; E-Type: EN55022 Class B	
Length of output cable	100cm of 14AWG for 5V 100cm of 16AWG for 9~15V 150cm of 20AWG for 18~48V	100cm of 14AWG for 5~9V 100cm of 16AWG for 12~18V 150cm of 18AWG for 24~48V
Standard DC Plug	P1J: 2.1øx5.5øx11mm/C+, turning fork type (refer to page 62 for DC plug list)	
Dimension (LxWxH)(mm)	75.5x 32x 47.5	93.5x 35x 51.5

Wall-mounted — 40W

Order No.	Output	Tol.	R&N	Effi.
SGA40□05-P1J	5V, 0~5.00A	±5%	120mV	84.0%
SGA40□09-P1J	9V, 0~4.44A	±5%	120mV	87.0%
SGA40□12-P1J	12V, 0~3.33A	±3%	120mV	86.5%
SGA40□15-P1J	15V, 0~2.66A	±2%	120mV	86.5%
SGA40□18-P1J	18V, 0~2.22A	±2%	120mV	87.0%
SGA40□24-P1J	24V, 0~1.67A	±2%	150mV	88.0%
SGA40□48-P1J	48V, 0~0.84A	±2%	150mV	89.0%

□ = U / E, U: American 2P, E: European 2P

Wall-mounted — 60W

Order No.	Output	Tol.	R&N	Effi.
SGA60□05-P1J	5V, 0~6.00A	±5%	80mV	84%
SGA60□07-P1J	7.5V, 0~6.00A	±5%	80mV	86%
SGA60□09-P1J	9V, 0~5.50A	±5%	80mV	87%
SGA60□12-P1J	12V, 0~5.00A	±3%	80mV	88%
SGA60□15-P1J	15V, 0~4.00A	±3%	80mV	87%
SGA60□18-P1J	18V, 0~3.33A	±2%	80mV	88%
SGA60□24-P1J	24V, 0~2.50A	±2%	100mV	88%
SGA60□48-P1J	48V, 0~1.25A	±2%	120mV	91%

□ = U / E, U: American 2P, E: European 2P

Optional DC Plug List

Tuning Fork Style	Type	A	B	C
		OD	ID	L
	P1I	5.5	2.1	9.5
	P1J	5.5	2.1	11.0
	P1L	5.5	2.5	9.5
	P1M	5.5	2.5	11.0
Barrel Style	Type	A	B	C
		OD	ID	L
	P2I	5.5	2.1	9.5
	P2J	5.5	2.1	11.0
	P2L	5.5	2.5	9.5
	P2M	5.5	2.5	11.0
Lock Style	Type	A	B	C
	P2S (S761K)	5.53	2.03	12.06
DIN 5 Pin	Type	Pin Assignment		
	R1B	Single		Triple
		1	COM	COM
		2	COM	COM
		3	Vout	+5V
		4	COM	-Vout
	R7B	PIN No.		Output
		1		+Vout
		2		GND
		3		GND
		4		+Vout

► Minimum order quantity is varied for different models.

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