

# Medical Adaptor

6~36W Single Output



## Features

- Universal AC input / Full range
- Medical safety approved(2xMOPP)
- **No load power consumption <0.1W (<0.3W for GSM06)**
- ErP step 2 compliant (Level V)
- Meet EISA 2007 (Energy Independence and Security Act)
- 2 pole USA / EURO plug or IEC320-C8
- Class II power (without earth pin)
- **Optional lock type DC plug**
- Protections: Short circuit / Overload / Over voltage
- Low leakage current <50µA
- LED indicator for power on(except for GSM06)
- Certificates: B type: UL / CUL / TUV / CB / FCC / CE  
U type: UL / CUL / CB / FCC  
E type: TUV / CB / CE
- 3 years warranty

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



Order No.	GSM06	GSM18	GSM25	GSM36
AC input voltage range	90~264VAC / 0.18A	80~264VAC / 0.5A	80~264VAC / 0.7A	80~264VAC / 0.9A
AC inrush current (max.)	Cold start, 30A at 230VAC	Cold start, 50A at 230VAC		
Overload protection	>105% rated output power, auto-recovery	105%~150% rated output power, hiccup mode, auto-recovery	105%~170% rated output power	
Over voltage protection	110%~140%	105%~135% rated output voltage, shut down o/p voltage, re-power on to recover		
Setup, rise, hold up time	1000ms, 50ms, 12ms	500ms, 30ms, 16ms at 230VAC input		
Withstand voltage	I/P-O/P: 5656VDC	I/P-O/P: 4kVAC		
Working temperature	0~+50°C	-30~+60°C (refer to output derating curve )		
Safety standards	B type(except for GSM06): ANSI/AAMI ES60601-1 , TUV EN60601-1 / 60601-1-11 approved U type: ANSI/AAMI ES60601-1 approved E type: TUV EN60601-1 / 60601-1-11 approved			
EMC standards	B type(except for GSM06): EN55011 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61204-3, EN60601-1-2 medical level, FCC Part 15 class B U type: FCC Part 15 class B E type: EN55011 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61204-3, EN60601-1-2 medical level			
Length of output cable	180cm of UL2468, 24AWG	120cm of UL1185, 16AWG for 5~9V; 180cm of UL1185, 18AWG for 12~48V		120cm of UL1185, 16AWG for 5~9V; 180cm of UL1185, 16AWG for 12~48V
Standard DC plug	P1J: 2.1øx 5.5øx 11mm / C+, tuning fork type (refer to page 60 for DC plug list)			
Dimension (LxWxH)(mm)	32x 66x 42.5	79x 54x 33		

## Wall-mounted — 6W

Order No.	Output	Tol.	R&N	Effi.	Order No.	Output	Tol.	R&N	Effi.
GSM06□05-P1J	5V, 0~1.00A	±5%	50mV	68%	GSM06□15-P1J	15V, 0~0.40A	±3%	120mV	79%
GSM06□06-P1J	6V, 0~1.00A	±5%	50mV	74%	GSM06□18-P1J	18V, 0~0.33A	±3%	150mV	80%
GSM06□07-P1J	7.5V, 0~0.80A	±5%	80mV	74%	GSM06□24-P1J	24V, 0~0.25A	±2%	180mV	82%
GSM06□09-P1J	9V, 0~0.66A	±5%	80mV	76%					
GSM06□12-P1J	12V, 0~0.50A	±3%	100mV	77%					

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

## Desktop / Wall-mounted — 18W

Order No.	Output	Tol.	R&N	Effi.	Order No.	Output	Tol.	R&N	Effi.
GSM18□05-P1J	5V, 0~3.00A	±5%	60mV	81%	GSM18□18-P1J	18V, 0~1.00A	±3%	150mV	87%
GSM18□07-P1J	7.5V, 0~2.00A	±5%	80mV	83%	GSM18□24-P1J	24V, 0~0.75A	±2%	180mV	87%
GSM18□09-P1J	9V, 0~2.00A	±5%	80mV	84%	GSM18□48-P1J	48V, 0~0.375A	±2%	240mV	88%
GSM18□12-P1J	12V, 0~1.50A	±3%	120mV	86%					
GSM18□15-P1J	15V, 0~1.20A	±3%	120mV	87%					

□ = B / U / E ;  
B: IEC320-C8, U: American 2P, E: European 2P

## Desktop / Wall-mounted — 25W

Order No.	Output	Tol.	R&N	Effi.	Order No.	Output	Tol.	R&N	Effi.
GSM25□05-P1J	5V, 0~4.00A	±5%	60mV	81%	GSM25□18-P1J	18V, 0~1.38A	±3%	150mV	87%
GSM25□07-P1J	7.5V, 0~2.93A	±5%	80mV	83%	GSM25□24-P1J	24V, 0~1.04A	±2%	180mV	87%
GSM25□09-P1J	9V, 0~2.77A	±5%	80mV	84%	GSM25□48-P1J	48V, 0~0.52A	±2%	240mV	88%
GSM25□12-P1J	12V, 0~2.08A	±3%	120mV	86%					
GSM25□15-P1J	15V, 0~1.66A	±3%	120mV	87%					

□ = B / U / E ;  
B: IEC320-C8, U: American 2P, E: European 2P

## Desktop / Wall-mounted — 36W

Order No.	Output	Tol.	R&N	Effi.	Order No.	Output	Tol.	R&N	Effi.
GSM36□05-P1J	5V, 0~4.50A	±5%	60mV	81%	GSM36□18-P1J	18V, 0~2.00A	±3%	150mV	87%
GSM36□07-P1J	7.5V, 0~4.32A	±5%	80mV	83%	GSM36□24-P1J	24V, 0~1.50A	±2%	180mV	87%
GSM36□09-P1J	9V, 0~4.00A	±5%	80mV	84%	GSM36□48-P1J	48V, 0~0.75A	±2%	240mV	88%
GSM36□12-P1J	12V, 0~3.00A	±3%	120mV	86%					
GSM36□15-P1J	15V, 0~2.40A	±3%	120mV	87%					

□ = B / U / E ;  
B: IEC320-C8, U: American 2P, E: European 2P

# Medical Adaptor

## 40~60W AC-DC Single Output



125x 50x 31.5 mm

- Universal AC input / Full range
- Medical safety approved (2xMOPP)
- **No load power consumption < 0.1W**
- ErP step 2 compliant (Level V)
- Meet EISA 2007 (Energy independence and security act)
- 3 pole AC inlet IEC320-C14
- High efficiency up to 91%
- Class I power (with earth pin)
- **Optional lock type DC plug**
- Protections:
  - Short circuit / Overload / Over voltage / Over temp.(GSM60A)
- Low leakage current<100µA
- Fully enclosed plastic case
- LED indicator for power on
- 3 years warranty

AC input voltage range ..... 80~264VAC / 1.0A for GSM40  
 80~264VAC / 1.4A for GSM60

AC inrush current(max.) .... Cold start, 65A at 230VAC

Overload protection ..... 105%~160% rated output power, auto-recovery

Over voltage protection ..... 105%~135% rated output voltage

Setup, rise, hold up time ....1000ms, 30ms, 50ms at 230VAC input

Withstand voltage ..... I/P-O/P: 4kVAC, I/P-FG: 2kVAC, O/P-FG: short

Safety standards ..... ANSI/AAMI ES60601-1, TUV EN60601-1 approved

EMC standards ..... EN55011 class B, EN61000-3-2,3,  
 EN61000-4-2,3,4,5,6,8,11, EN61204-3,  
 EN60601-1-2 medical level, FCC Part 15 class B

Standard output cable ..... GSM40: 100cm of UL2464, 16AWG for 5V/7.5V  
 100cm of UL1185, 16AWG for 9V/12V  
 150cm of UL1185, 16AWG for 15~48V  
 GSM60: 100cm of UL2464, 16AWG for 5~15V  
 150cm of UL1185, 16AWG for 18~48V

Standard DC plug..... P1J: 2.1øx5.5øx11mm / C+, tuning fork type  
 (refer to page 60 for DC plug list)

### ✦ GSM40 Series

Order No.	Output	Tol.	R&N	Effi.
GSM40A05-P1J	5V, 0.1~5.00A	±5%	100mV	81.0%
GSM40A07-P1J	7.5V, 0.1~5.34A	±5%	100mV	85.5%
GSM40A09-P1J	9V, 0.1~4.45A	±5%	100mV	86.0%
GSM40A12-P1J	12V, 0.1~3.34A	±3%	100mV	88.0%
GSM40A15-P1J	15V, 0.1~2.67A	±3%	100mV	88.5%
GSM40A18-P1J	18V, 0.1~2.22A	±3%	150mV	89.5%
GSM40A24-P1J	24V, 0.1~1.67A	±2.5%	180mV	90.0%
GSM40A48-P1J	48V, 0.1~1.84A	±2.5%	240mV	91.0%

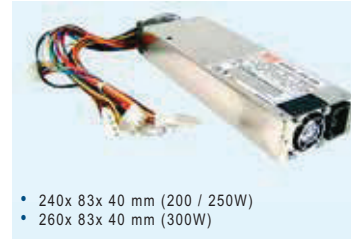
### ✦ GSM60 Series

Order No.	Output	Tol.	R&N	Effi.
GSM60A05-P1J	5V, 0.1~6.00A	±5%	100mV	81.5%
GSM60A07-P1J	7.5V, 0.1~6.00A	±5%	100mV	86.0%
GSM60A09-P1J	9V, 0.1~6.00A	±5%	100mV	87.5%
GSM60A12-P1J	12V, 0.1~5.00A	±3%	100mV	88.0%
GSM60A15-P1J	15V, 0.1~4.00A	±3%	100mV	88.5%
GSM60A18-P1J	18V, 0.1~3.33A	±3%	150mV	89.0%
GSM60A24-P1J	24V, 0.1~2.50A	±3%	180mV	90.0%
GSM60A48-P1J	48V, 0.1~1.25A	±2.5%	240mV	91.0%

# ATX Power



## 200~300W Industrial ATX PC Power Supply



- 240x 83x 40 mm (200 / 250W)
- 260x 83x 40 mm (300W)

- Universal AC input / Full range
- Low profile for 1U/2U rack system
- Built-in active PFC function
- Protections: Short circuit / Overload / Over voltage
- With power good and fail signal output
- Forced air cooling by built-in DC fan
- Remote sense on CH1, CH2
- PS-ON signal input
- 24V/3A output with 7A peak capability (IPC-300B)
- 2 years warranty

Hold up time ..... 16ms min. at full load and 115VAC

Overload protection ..... 105%~150% shut off, AC recycle to re-start

Over voltage protection .....110%~140% rated output voltage for CH1~CH3

Withstand voltage .....I/P-O/P, I/P-FG:1.5kVAC, 1minute

Working temperature ..... -10~+60°C (refer to output derating curve)

Safety standards ..... UL60950-1, TUV EN60950-1 approved

EMC standards ..... EN55022 class B, EN61000-3-2,-3  
 EN61000-4-2,3,4,5,6,8,11

Model No.	Output	Tol.	R&N	Effi.	Max.
IPC-200	3.3V, 0~15A	±5%	50mV	74.5%	200W
	5V, 1~25A	±5%	50mV		
	12V, 1~13A	±7%	120mV		
	-5V, 0~0.5A	±8%	100mV		
	-12V, 0.1~1.0A	±10%	120mV		
IPC-250	5VSB, 0~2.0A	±5%	50mV		
	3.3V, 0~20A	±5%	50mV	75%	250W
	5V, 1~25A	±5%	50mV		
	12V, 1~15A	±7%	120mV		
	-5V, 0~0.5A	±8%	100mV		
IPC-300A	-12V, 0.1~1.0A	±10%	120mV		
	5VSB, 0~2.0A	±5%	50mV		
	3.3V, 0~20A	±5%	50mV	75%	300W
	5V, 1~30A	±5%	50mV		
	12V, 1~18A	±7%	120mV		
IPC-300B	-5V, 0~0.5A	±8%	100mV		
	-12V, 0.1~1.0A	±10%	120mV		
	5VSB, 0~2.0A	±5%	50mV		
	24V, 0~3.0A	±5%	240mV	80%	300W
	5V, 1~30A	±5%	50mV		
	12V, 1~18A	±7%	120mV		
	-5V, 0~0.5A	±8%	100mV		
	-12V, 0.1~1.0A	±10%	120mV		
	5VSB, 0~2.0A	±5%	50mV		



### Customer Satisfaction —

Today's effort, tomorrow's reward. Continuously improve CQTS to satisfy customer is our goal.



### 48hrs delivery—

We keep enough stock for 95% of standard models at our 2400m<sup>2</sup> warehouse. We can arrange prompt delivery within 48hrs.