

Medical Adaptor

12~40W Interchangeable Type



Features

- Interchangeable AC plugs (plug kit sold separately)
- Medical safety approved (2xMOPP)
- Suitable for BF application with appropriate system consideration
- Universal AC input / Full range
- No load power consumption <0.075W (<0.1W for GEM12I18V/48V and GEM30I/40I)
- Energy efficiency Level VI
- Comply with EISA 2007/DoE and EU ErP
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage
- Extremely low leakage current
- Fully enclosed plastic case
- Optional lock type DC plug
- 3 years warranty

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



Order No.	GEM12I	GEM18I	GEM30I	GEM40I
AC input voltage range	80~264VAC; 113~370VDC			
Leakage current	<100μA			
AC inrush current (max.)	Cold start, 60A at 230VAC		Cold start, 65A at 230VAC	
Overload protection	110%~200%	105%~160%	120%~200%	105%~160%
Over voltage protection	110%~140% rated output voltage, clamp by zener diode			
Setup, rise, hold up time	500ms, 30ms, 16ms		500ms, 100ms, 16ms	500ms, 30ms, 16ms
Withstand voltage	I/P-O/P: 5656VDC, 1 minute			
Working temperature	-20~+70°C	-20~+50°C	-25~+70°C (refer to output derating curve)	
Safety standards	ANSI/AAMI ES60601-1/60601-1-11, CAN/CSA-C22, TUV EN60601-1/60601-1-11 approved (GEM18I TUV&UL60601-1 only)			
EMC standards	EN55011 Class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, FCC part18 class B			
Length of output cable	5~7.5V: 100cm of 18AWG, 9V: 120cm of 22AWG, 12~48V: 150cm of 24AWG	5~9V: 100cm of 16AWG, 12V: 100cm of 18AWG, 15~48V: 150cm of 22AWG	5~9V: 100cm of 16AWG, 12V: 100cm of 18AWG, 15~24V: 150cm of 20AWG, 48V: 180cm of 24AWG	5V: 100cm of 14AWG, 9~15V: 100cm of 16AWG, 18~48V: 150cm of 20AWG
Standard DC plug	P1J: 2.1øx5.5øx11mm/C+, turning fork type (refer to page 62 for DC plug list)			

Wall-mounted(Interchangeable Type)—12W **NEW**

Order No. (main body)	Output	Tol.	R&N	Effi.
GEM12I05-USB	5V, 0~2.4A	±5%	60mV	80%
GEM12I05-P1J	5V, 0~2.4A	±5%	60mV	80%
GEM12I07-P1J	7.5V, 0~1.6A	±5%	60mV	82%
GEM12I09-P1J	9V, 0~1.33A	±4%	60mV	82%
GEM12I12-P1J	12V, 0~1A	±3%	80mV	82.5%
GEM12I15-P1J	15V, 0~0.8A	±3%	80mV	84%
GEM12I18-P1J	18V, 0~0.66A	±3%	80mV	84%
GEM12I24-P1J	24V, 0~0.5A	±2%	80mV	85%
GEM12I48-P1J	48V, 0~0.25A	±2%	100mV	87%

Wall-mounted(Interchangeable Type)—30W **NEW**

Order No. (main body)	Output	Tol.	R&N	Effi.
GEM30I05-P1J	5V, 0~4.00A	±5%	100mV	82%
GEM30I07-P1J	7.5V, 0~3.33A	±5%	100mV	86%
GEM30I09-P1J	9V, 0~3.33A	±5%	100mV	87%
GEM30I12-P1J	12V, 0~2.50A	±3%	100mV	87%
GEM30I15-P1J	15V, 0~2.00A	±3%	100mV	87%
GEM30I18-P1J	18V, 0~1.66A	±2%	100mV	88%
GEM30I24-P1J	24V, 0~1.25A	±2%	100mV	88.5%
GEM30I48-P1J	48V, 0~0.62A	±2%	100mV	90%

Wall-mounted(Interchangeable Type)—18W **NEW**

Order No. (main body)	Output	Tol.	R&N	Effi.
GEM18I05-P1J	5V, 0~3.00A	±5%	60mV	80%
GEM18I09-P1J	9V, 0~2.00A	±5%	60mV	84%
GEM18I12-P1J	12V, 0~1.50A	±3%	80mV	84%
GEM18I15-P1J	15V, 0~1.20A	±3%	80mV	84%
GEM18I18-P1J	18V, 0~1.00A	±2%	80mV	84%
GEM18I24-P1J	24V, 0~0.75A	±2%	80mV	85%
GEM18I48-P1J	48V, 0~0.38A	±2%	80mV	87%

Wall-mounted(Interchangeable Type)—40W **NEW**

Order No. (main body)	Output	Tol.	R&N	Effi.
GEM40I05-P1J	5V, 0~5.00A	±5%	100mV	84%
GEM40I09-P1J	9V, 0~4.00A	±5%	100mV	87%
GEM40I12-P1J	12V, 0~3.33A	±3%	100mV	88%
GEM40I15-P1J	15V, 0~2.66A	±3%	120mV	88%
GEM40I18-P1J	18V, 0~2.22A	±2%	120mV	88%
GEM40I24-P1J	24V, 0~1.67A	±2%	120mV	89%
GEM40I48-P1J	48V, 0~0.80A	±2%	200mV	90.5%

Interchangeable AC Plug Specifically for GEM12/18/30/40I

AC Plug Type and Order No.				
AC Plug-AU2	AC Plug-UK2	AC Plug-EU2	AC Plug-US2	AC Plug-MIX2
Australian Type	U.K. Type	European Type	U.S. Type	Mixed Four Type

► The main body unit and AC plug should be ordered separately. The main body needs to be used along with any one of the AC plug.