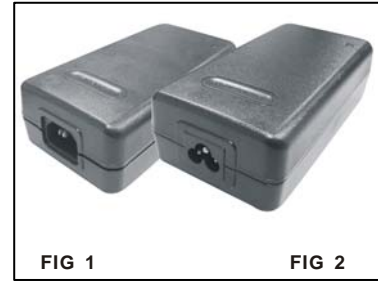


**Desktop power supply**

**Features:**

- Universal input voltage
- Single output
- Short circuit protection
- Over voltage protection
- Over current protection
- Meet ENERGY STAR 2.0
- Means of patient protection design
- Low leakage current
- Output voltage 5~58VDC
- Possess risk analysis report



**SAFETY AGENCY APPROVALS:**

Specifications:	GMPSU70 series:
Input voltage	100~240VAC
Input frequency	50~60Hz (Limits:47-63VAC)
Input current	1.8~0.8A Max.
Leakage current	<0.3mA
Output voltage	See rating chart
Output current	See rating chart
Output power range	See rating chart
Ripple	See rating chart
Over voltage protection	Yes.<140% output voltage
Over current protection	Yes.>120% output voltage
Short protection	Yes. Hiccup mode, Auto-recover
Temperature coefficient	All output±0.04%/°C maximum
Transient response	Maximum excursion of 4% or better on all models. Recovering to 1% of final value within 500uS after a 25% step load change
Operating temperature	-20°C ~+40°C .
Storage temperature	-40°C ~+85°C
Relative humidity	5% to 95% non-condensing
Derating	Derated from 100% at + 40°C linearly to 50% at 70°C
Efficiency	AVG. Efficiency 87%
Hold - up time	8mS min.
Line regulation	±1% maximum for any input voltage change between input voltage range
Load regulation	±5% variations from minimum to maximum output current.
Insulation resistance	50Mohm minimum from input to output
Inrush current	100AMPS @ 230VAC at 25°C cold start
Withstand voltage	5656VDC from input to output
Mean time between failure	100,000 hours minimum at full load at 25°C ambient
EMI requirements	EN55011 / EN55022 CLASS B / EN55024
Safety requirements	Meets or exceeds: (A) UL : ES60601-1:2005 (B) CSA:C22.2 NO. 60601-1:2008 (C) EN60601-1:2006 (D) IEC60601-1:2005
Warranty	2 years

UNIT:mm

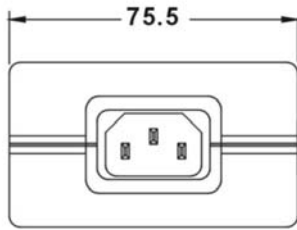


FIG1

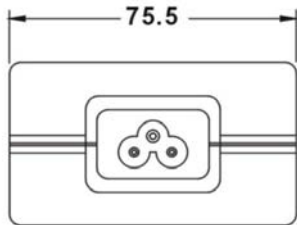
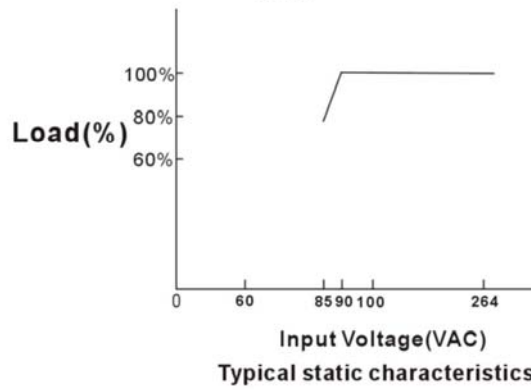
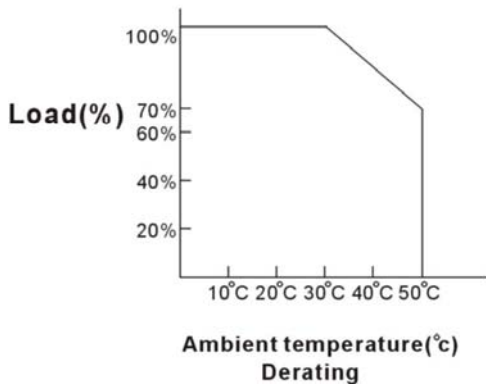
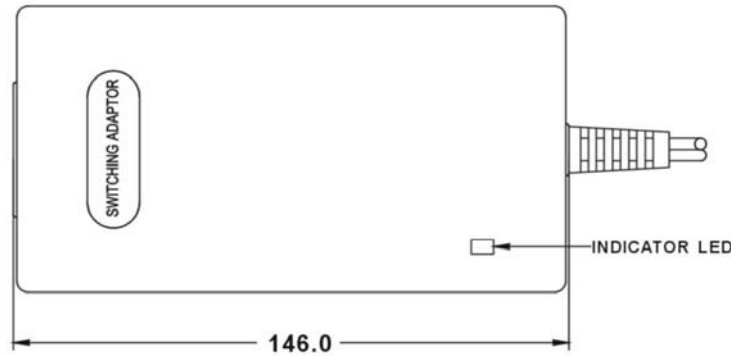
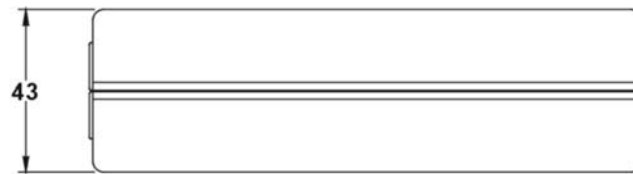


FIG2



X=A= (C14 FIG1) or C= (C6 FIG2)

Model name	Output Voltage(VDC)	Output Current(A)	Max. Output Power (W)	Ripple(mV) Max.	Line Regulation (%)	Load Regulation (%)	Avg. EFF (%)	No load Power Consumption(W)
GMPU70X-1	5~6	7.50~6.36	37.5	100	±1	±5	83.4	5
GMPU70X-1-1	6~8	7.50~5.63	45	100	±1	±5	86.10	7.5
GMPU70X-2	8~11	7.50~5.46	60	120	±1	±5	87	9
GMPU70X-3	11~13	6.37~5.39	70	120	±1	±5	87	12
GMPU70X-4	13~16	5.39~4.38	70	120	±1	±5	87	15
GMPU70X-5	16~21	4.38~3.34	70	180	±1	±5	87	18
GMPU70X-6	21~27	3.34~2.60	70	180	±1	±5	87	24
GMPU70X-7	27~33	2.60~2.13	70	240	±1	±5	87	32
GMPU70X-8	33~58	2.13~1.22	70	240	±1	±5	87	48

\*NO LPS SAFETY

Note:

- (1) Weight: Approx 370~375g
- (2) Optional output connectors (see page 75)