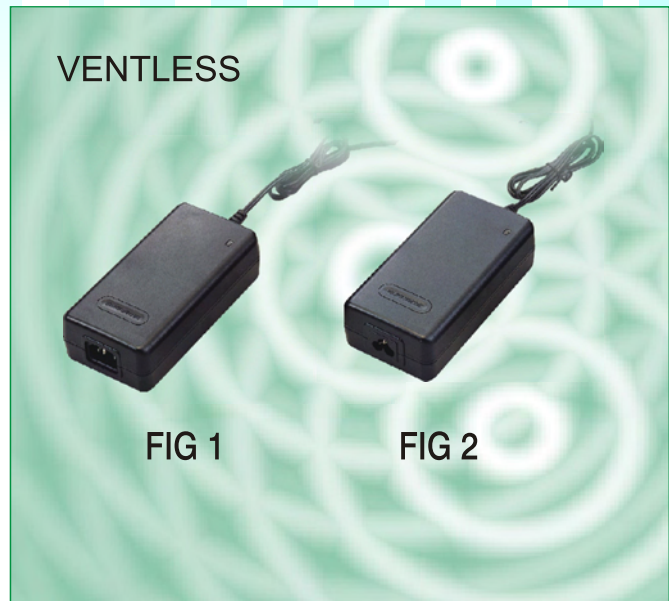


Desktop power supply

Features:

- Universal input voltage
- Single output
- Optional output connectors
- Over voltage protection
- Over current protection
- High efficiency & reliability
- Compact low profile package
- One year warranty

SAFETY AGENCY APPROVALS



Specifications:	MPU50A, C Series:
Input voltage	100-240 VAC (Limits: 90-264VAC)
Input frequency	47 to 63Hz
Input current	1.5A (rms) for 115VAC, 1.1A (rms) for 230 VAC
leakage current	0.3mA max. FOR CLASS 1
Output voltage	See rating chart ($\pm 5\%$ tolerance)
Output current	See rating chart
Output power range	50 watts Max
Ripple	1 % peak to peak maximum
Over voltage protection	Provided on outputs set at 112~132% of its nominal output voltage
Over current protection	All outputs protected to short circuit conditions
Over Temperature protection	130°C Activated
Temperature coefficient	All outputs $\pm 0.04\%$ / °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	0°C ~ 40°C
Storage temperature	-40°C to + 85°C
Relative humidity	5% to 95% non-condensing
Derating	Derated from 100% at +40°C linearly to 50% at 70°C
Efficiency	65% minimum at full output
Hold-up time	10 msec minimum
Line regulation	$\pm 1\%$ maximum for any input voltage change between input voltage range
Load regulation	$\pm 5\%$ variations from minimum to maximum output current.
Insulation resistance	50 Mohm minimum from output to ground
Inrush current	15 AMPS @ 115 VAC, or 90 AMPS @ 230 VAC at 25°C cold start
Withstand voltage	5656VDC from input to output
Mean time between failure	50,000 hours minimum at full load at 25°C ambient
EMI requirements	Meets conduction limits of: CISPR 22.2
Safety requirements	Meets or exceeds: (A) UL2601-1 (B) TUV EN60601-1
Warranty	1 year

UNIT: mm

USA VERSION
(OPTIONAL)

Note:
1.Weight:Approx 510~560g
2.Optional output connectors
(see page 45)

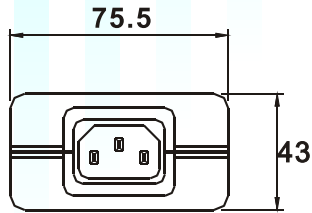


FIG 1

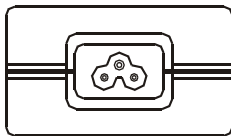
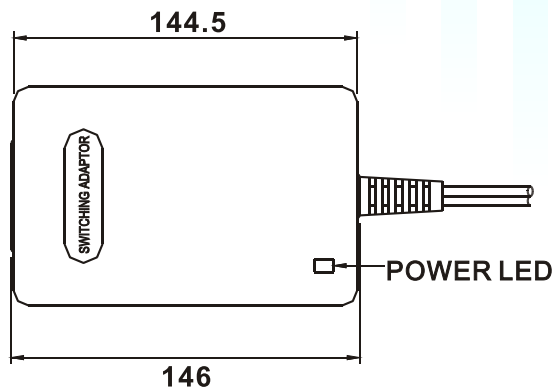
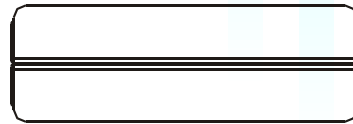


FIG 2



X= A (C14 FIG 1) OR C (C6 FIG2)

★★Please specify output voltage when ordering.

Model	Output Voltage	Output Current	Maximum Output Power
MPU50X-0	3 ~ 5 VDC	7.50A	37.5W
MPU50X-1	5 ~ 6 VDC	7.50 ~ 6.25A	37.5W
MPU50X-1-1	6 ~ 8 VDC	6.66 ~ 5.00A	40W
MPU50X-2	8 ~ 11 VDC	5.62 ~ 4.09A	45W
MPU50X-3	11 ~ 13 VDC	4.54 ~ 3.84A	50W
MPU50X-4	13 ~ 16 VDC	3.84 ~ 3.12A	50W
MPU50X-5	16 ~ 21 VDC	3.12 ~ 2.38A	50W
MPU50X-6	21 ~ 27 VDC	2.38 ~ 1.85A	50W
MPU50X-7	27 ~ 33 VDC	1.85 ~ 1.51A	50W
MPU50X-8	33 ~ 48 VDC	1.51 ~ 1.04A	50W