

PSU25 SERIES

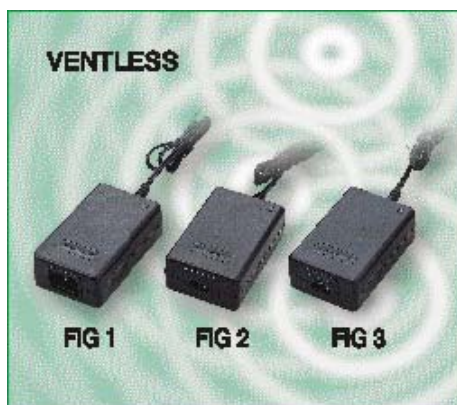
Features:

- Universal input voltage
- Dual or Triple output
- Pass LPS
- Optional Output connectors
- Short circuit Protection
- High efficiency & reliability
- Compact low profile package
- One year warranty

SAFETY AGENCY APPROVALS

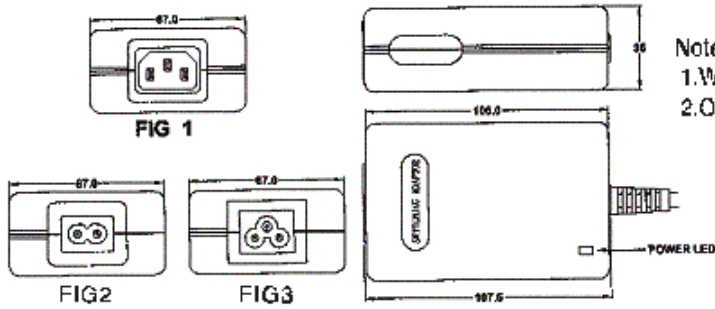


T.E. POWER SUPPLY



Specifications:	PSU25 Series:
Input voltage	100-240 VAC (limits: 90-264VAC) / 47 ~ 63Hz (limits: 47 ~ 440Hz)
Input frequency	47 to 63Hz (Limits: 47-440Hz)
Input current	0.3A (rms) for 115VAC, 0.2A (rms) for 230VAC
Safety ground leakage current	0.5A max at 240 VAC 50Hz
Output voltage	see rating chart (+/-5% tolerance)
Output current	see rating chart
Output power range	25W max
Ripple	1% peak to peak maximum
Over voltage protection	N/A
Overcurrent protection	all outputs protected to short circuit conditions
Temperature coefficient	all outputs +/-0.04%°C max
Transient response	max. 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 to 50% at 70°C
Efficiency	65% minimum at full output
Hold-up time	5 msec minimum
Line regulation	+0.2% maximum for any input voltage change between input voltage range
Load regulation	5% variation from minimum to maximum output current
Insulation resistance	50M ohm minimum from output to ground
Inrush current	15 AMPS at 115 VAC, or 30 AMPS at 230 VAC at 25°C cold start
Withstand voltage	4242 VDC from input to output
Meantime between failure	100,000 hours minimum at full load at 25°C ambient
Emi requirements	meets conduction limits of(a)FCC part 15 class B(b) cispr 22.2
Safety requirements	meets or exceeds:(a)UL 1950 (B)CSA C22.2 (C) TUV EN60950 IEC 950
Warranty	1 year

UNIT: mm



Note:
 1.Weight: Approx 300~350g
 2.Optional output connectors

****Please specify output voltage when ordering**

Model	Output #1 V nom I max	Output #2 V nom I max	Output #3 V nom I max	Maximum Output Power	INPUT INLET
PSU25A-13	5VDC 2.50A	+12VDC 1.00A	N/A	25W	FIG1
PSU25A-14	5VDC 2.50A	+15VDC 0.80A	N/A	25W	FIG1
PSU25A-16	5VDC 2.50A	+24VDC 0.50A	N/A	25W	FIG1
PSU25A-13D	5VDC 2.50A	+12VDC 0.80A	-12VDC 0.30A	25W	FIG1
PSU25A-14E	5VDC 2.50A	+15VDC 0.50A	-15VDC 0.30A	25W	FIG1
PSU25A-13A	5VDC 2.50A	+12VDC 0.80A	+5VDC 0.30A	25W	FIG1

Model	Output #1 V nom I max	Output #2 V nom I max	Output #3 V nom I max	Maximum Output Power	INPUT INLET
PSU25B-13	5VDC 2.50A	+12VDC 1.00A	N/A	25W	FIG2
PSU25B-14	5VDC 2.50A	+15VDC 0.80A	N/A	25W	FIG2
PSU25B-16	5VDC 2.50A	+24VDC 0.50A	N/A	25W	FIG2
PSU25B-13D	5VDC 2.50A	+12VDC 0.80A	-12VDC 0.30A	25W	FIG2
PSU25B-14E	5VDC 2.50A	+15VDC 0.50A	-15VDC 0.30A	25W	FIG2
PSU25B-13A	5VDC 2.50A	+12VDC 0.80A	-5VDC 0.30A	25W	FIG2

Model	Output #1 V nom I max	Output #2 V nom I max	Output #3 V nom I max	Maximum Output Power	INPUT INLET
PSU25C-13	5VDC 2.50A	+12VDC 1.00A	N/A	25W	FIG3
PSU25C-14	5VDC 2.50A	+15VDC 0.80A	N/A	25W	FIG3
PSU25C-16	5VDC 2.50A	+24VDC 0.50A	N/A	25W	FIG3
PSU25C-13D	5VDC 2.50A	+12VDC 0.80A	-12VDC 0.30A	25W	FIG3
PSU25C-14E	5VDC 2.50A	+15VDC 0.50A	-15VDC 0.30A	25W	FIG3
PSU25C-13A	5VDC 2.50A	+12VDC 0.80A	-5VDC 0.30A	25W	FIG3