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GPSU06U-6

24V/0.25A (max) Power Supply



Model: GPSU06U-6

Features

- Universal input voltage
- No load power consumption <1W
- Short circuit protection
- High efficiency & reliability

Specifications

Input	
Voltage range	100-240 VAC or 127 ~ 370 Vdc
Frequency	50/60 Hz
Input current	0.3A(rms) for 115 VAC, 0.2A (rms) for 230 VAC
Safety gad leakage current	0.25 mA max @ 240 VAC 50 Hz
Inrush current (max.)	50MOhm min from output to ground
Inrush current	15 A @ 115 VAC, or 30 A @ 230 VAC at 25XC cold start
Output	
Voltage	24 Vdc
Output current	0.25 A
Ripple	1% p-p max.
Over voltage protection	Yes (clamp by Zener diode)
Over current protection	Yes (for primary-referenced direct driver, constant current series for secondary-referenced direct drive)
Temperature coefficient	All outputs 0.04%/XC max.
Transient response	Max excursion of 4% or better on all models, recovering to 1% of final value 500uS after a 25% step load change
Efficiency	65% min at full output.
Hold-up time	5msec min.
Line regulation	1% max for input voltage change between input voltage range.
Load regulation	5% variations from min to max output current.
General	
MTBF	50,000 hours min at full load at 25XC ambient.
Environmental	
Operating Temperature	0XC ~ +40XC
Storage Temperature	-20XC ~ +85XC
Humidity	20~ 90% HR, Non-condensing
Derating	Derated from 100% at +40 XC linearly to 50% at 70 XC.
Standards	
Safety standards	Meets or exceeds UL1950,CSA C22.2, TUV EN60950, IEC950.
EMI	Meets conduction limits of FCC Part 15 Class B, CISPR 22.2

Ordering Information

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