



Features:

- Universal AC input / Full range
- No load power consumption< 0.3W
- ErP step2 compliant
- Meet EISA 2007 (Energy Independence and Security Act)
- 2 pole USA plug
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over Voltage / Over temperature
- Fully enclosed plastic case
- Approvals: UL / CUL / BSMI / CB / FCC
- Pass LPS for full series
- 2 years warranty



ORDER NO.		GS12U05-P1I	GS12U07-P1I	GS12U09-P1I	GS12U12-P1I	GS12U15-P1I	GS12U18-P1I	GS12U24-P1
ОИТРИТ	SAFETY MODEL NO.	GS12U05	GS12U07	GS12U09	GS12U12	GS12U15	GS12U18	GS12U24
	DC VOLTAGE	5V	7.5V	9V	12V	15V	18V	24V
	RATED CURRENT	2.0A	1.6A	1.33A	1.0A	0.8A	0.67A	0.5A
	CURRENT RANGE	0 ~ 2.0A	0 ~ 1.6A	0 ~ 1.33A	0 ~ 1.0A	0 ~ 0.8A	0 ~ 0.67A	0 ~ 0.5A
	RATED POWER	10W	12W	12W	12W	12W	12.06W	12W
	RIPPLE & NOISE (max.) Note.2	75mVp-p	90mVp-p	90mVp-p	120mVp-p	150mVp-p	180mVp-p	200mVp-p
	VOLTAGE TOLERANCE Note.3		±4.0%	±4.0%	±3.0%	±3.0%	±3.0%	±3.0%
	LINE REGULATION Note.4	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LOAD REGULATION Note.5	±5.0%	±4.0%	±4.0%	±3.0%	±3.0%	±2.0%	±2.0%
	SETUP, RISE, HOLD UP TIME	500ms, 20ms, 30	ms/230VAC	500ms, 20ms, 10m	ıs/115VAC at full lo	ad		
INPUT	VOLTAGE RANGE	90 ~ 264VAC 135 ~ 370VDC						
	FREQUENCY RANGE	47 ~ 63Hz						
	EFFICIENCY (Typ.)	76%	78.5%	78.5%	78.5%	80%	80%	80.5%
	AC CURRENT	0.31A / 115VAC	0.16A / 230VAC	;				
	INRUSH CURRENT (max.)	COLD START 25A / 115VAC 45A / 230VAC						
	LEAKAGE CURRENT (max.)	0.25mA / 240VAC						
PROTECTION	ì	>105% rated output power						
	OVERLOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed						
		115% ~ 135%						
	OVER VOLTAGE	Protection type: Clamp by zener diode						
		U1 Ti 140°C typically (U1) Detect on main control IC						
	OVER TEMPERATURE Note.6	Protection type : Shut down o/p voltage, recovers automatically after temperature goes down						
ENVIRONMENT	WORKING TEMP.	0 ~ +50°C (Refer to "Derating Curve")						
	WORKING HUMIDITY	20% ~ 90% RH non-condensing						
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH						
	TEMP. COEFFICIENT	±0.03% / °C (0~40°C)						
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes						
	SAFETY STANDARDS	UL60950-1, CSA22.2, BSMI CNS14336 approved						
SAFETY & EMC	WITHSTAND VOLTAGE	I/P-O/P:3KVAC						
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH						
	EMC EMISSION	Compliance to FCC PART 15 / CISPR22 class B, CNS13438 class B						
OTHERS	MTBF	1414.6Khrs min. MIL-HDBK-217F (25°C)						
	DIMENSION	65*47*26.5mm (L*W*H)						
	PACKING	0.15Kg; 100pcs / 16Kg / CARTON						
CONNECTOR	PLUG	Standard type P1I: 2.1 \(\psi \times 5.5 \(\psi \times 9.5 \text{mm} \text{ turning fork type, center positive for stock;} \) Other type available by customer requested						
	CABLE	Standard type UL1185 6ft (4FT only for 5V output) for stock; Other type available by customer requested						
NOTE	1.All parameters are specified 2.Ripple & noise are measure 3.Tolerance: includes set up to 4.Line regulation is measured 5.Load regulation is measure	d at 115VAC input, rated load, 25°C 70% RH ambient. ed at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. tolerance, line regulation, load regulation. If from low line to high line at rated load. If from 10% to 100% rated load.						



