

15~18W AC-DC Single Output Desktop

GS18A series



Features :

- Universal AC input / Full range
- No load power consumption<0.3W
- ErP step2 compliant
- Meet EISA 2007 (Energy Independence and Security Act)
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- LED indicator for power on
- Approvals: UL / CUL / TUV / BSMI / CCC / PSE / CB / FCC / CE
- Pass LPS
- 2 years warranty

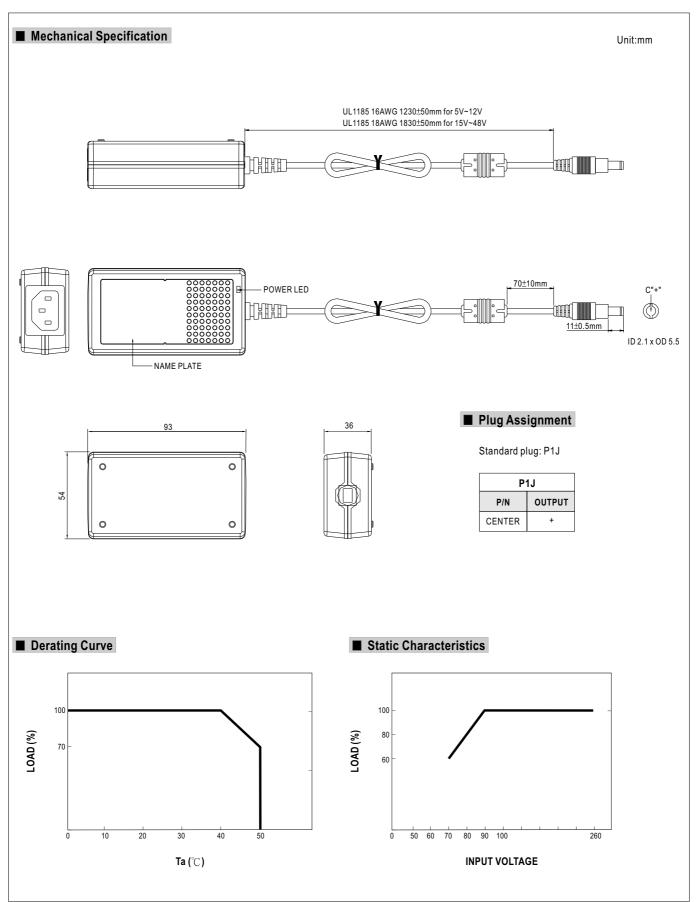


SPECIFICATION

		GOTOAUJ-F IJ	G518A0/-P1J	GS18A09-P1J	GS18A12-P1J	GS18A15-P1J	GS18A18-P1J	GS18A24-P1J	GS18A28-P1J	GS18A48-P1J
	SAFETY MODEL NO.	GS18A05	GS18A07	GS18A09	GS18A12	GS18A15	GS18A18	GS18A24	GS18A28	GS18A48
OUTPUT	DC VOLTAGE Note.2	5V	7.5V	9V	12V	15V	18V	24V	28V	48V
		3.0A	2.0A	2.0A	1.50A	1.20A	1.0A	0.75A	0.64A	0.375A
	CURRENT RANGE	0~3.0A	0~2.0A	0~2.0A	0~1.50A	0~1.20A	0~1.0A	0~0.75A	0~0.64A	0~0.375A
	RATED POWER (max.)	15W	15W	18W	18W	18W	18W	18W	18W	18W
	RIPPLE & NOISE (max.) Note.3	50mVp-p	80mVp-p	80mVp-p	80mVp-p	100mVp-p	150mVp-p	180mVp-p	240mVp-p	240mVp-p
	VOLTAGE TOLERANCE Note.4		±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%
		±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LOAD REGULATION Note.6	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%
	SETUP, RISE, HOLD UP TIME					5VAC at full lo				
	VOLTAGE RANGE	90 ~ 264VAC 135 ~ 370VDC								
INPUT	FREQUENCY RANGE	47 ~ 63Hz								
	EFFICIENCY (Typ.)	79.5%	82%	83%	85%	85%	85%	86%	86.5%	87%
	AC CURRENT	0.5A/100VAC								
	INRUSH CURRENT (max.)	45A / 230VAC								
	LEAKAGE CURRENT(max.)	0.75mA / 240	VAC							
PROTECTION		110 ~ 150% rated output power								
	OVERLOAD	Protection type : Hiccup mode, recovers automatically after fault condition is removed								
		105 ~ 135% rated output voltage								
	OVER VOLTAGE Protection type : Clamp by zener diode, output short									
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 ~ 50°C)								
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes								
SAFETY & EMC (Note. 7)	SAFETY STANDARDS	UL60950-1, CSA C22.2, TUV EN60950-1, BSMI CNS14336, PSE J60950-1(5~28V only), CCC GB4943 approved								
	WITHSTAND VOLTAGE	I/P-O/P:4242VDC , I/P-FG:2121VDC								
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH								
	EMC EMISSION	Compliance to EN55022, EN61000-3-2,3, FCC PART 15 / CISPR22 class B, CNS13438 class B, GB9254								
		Compliance to EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A								
OTHERS	MTBF	500Khrs min. MIL-HDBK-217F(25°C)								
	DIMENSION	93*54*36mm (L*W*H)								
CONNECTOR	PACKING PLUG	230g ; 60pcs / 15kg / CARTON								
	CABLE	See page2 See page2								
NOTE	1.All parameters are specified 2.DC voltage: The output volt 3.Ripple & noise are measure 4.Tolerance: includes set up t 5.Line regulation is measured 6.Load regulation is measured	s are specified at 230VAC input, rated load, 25℃ 70% RH ambient. The output voltage set at point measure by plug terminal & 50% load. e are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. cludes set up tolerance, line regulation, load regulation. n is measured from low line to high line at rated load. on is measured from 20% to 100% rated load upply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the								



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