



■ Features :

- Universal AC input / Full range
- No load power consumption < 0.3W
- Energy efficiency Level V
- Comply with EISA 2007, NRCAN, AU/NZ MEPS and EU ErP
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage
- Pass LPS
- Fully enclosed plastic case
- LED indicator for power on
- 2 years warranty

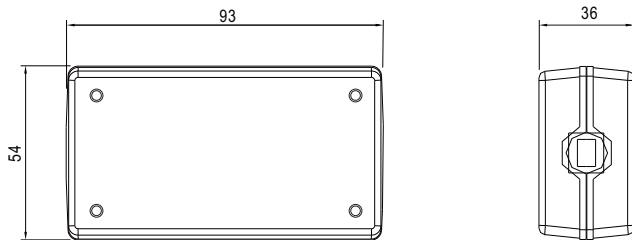
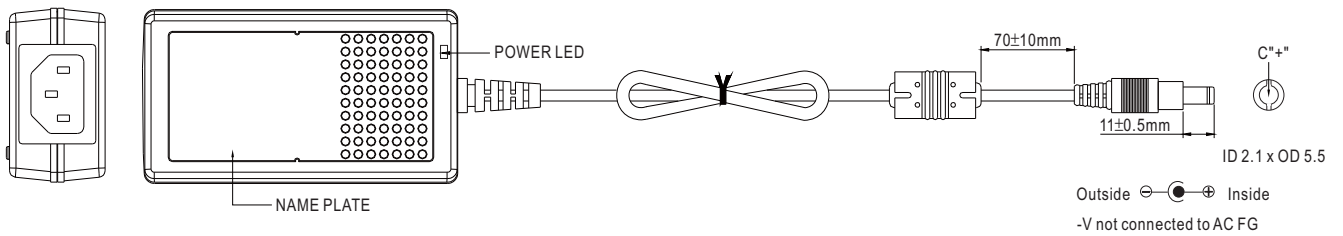
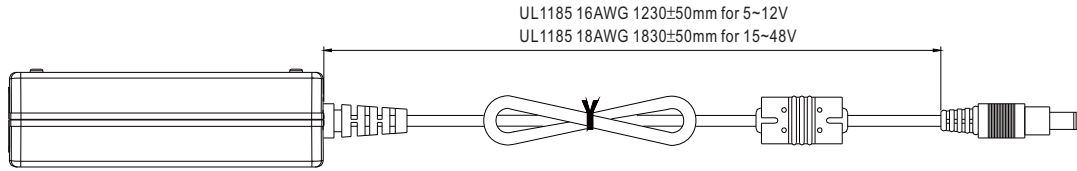


SPECIFICATION

ORDER NO.	GS18A05-P1J	GS18A07-P1J	GS18A09-P1J	GS18A12-P1J	GS18A15-P1J	GS18A18-P1J	GS18A24-P1J	GS18A28-P1J	GS18A48-P1J		
OUTPUT	SAFETY MODEL NO. GS18A05 GS18A07 GS18A09 GS18A12 GS18A15 GS18A18 GS18A24 GS18A28 GS18A48										
	DC VOLTAGE	Note.2 5V	7.5V	9V	12V	15V	18V	24V	28V	48V	
	RATED CURRENT	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%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%	
	LINE REGULATION	Note.5 ±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	500ms, 20ms, 50ms/230VAC 500ms, 20ms, 15ms/115VAC at full load										
INPUT	VOLTAGE RANGE 90 ~ 264VAC 135 ~ 370VDC										
	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 / 240VAC										
PROTECTION	OVERLOAD 110 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed										
	OVER VOLTAGE 105 ~ 135% rated output 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 ~ 40°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, CCC GB4943, PSE J60950-1(5~28V only) 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 Class B, EN61000-3-2,3, FCC PART 15 / CISPR22 class B, CNS13438 class B, GB9254, GB17625.1										
	EMC IMMUNITY 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)										
	PACKING 230g ; 60pcs / 15kg / CARTON										
CONNECTOR	PLUG See page 2 ; Other type available by customer requested										
	CABLE See page 2 ; Other type available by customer requested										
NOTE	<p>1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient.</p> <p>2.DC voltage: The output voltage set at point measure by plug terminal & 50% load.</p> <p>3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor.</p> <p>4.Tolerance: includes set up tolerance, line regulation, load regulation.</p> <p>5.Line regulation is measured from low line to high line at rated load.</p> <p>6.Load regulation is measured from 20% to 100% rated load.</p> <p>7.The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on http://www.meanwell.com)</p>										

■ Mechanical Specification

Unit:mm

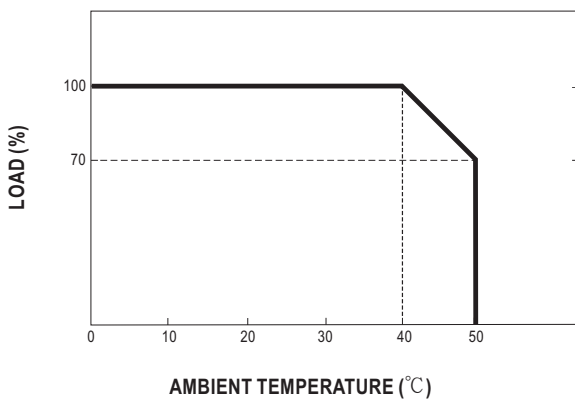


■ Plug Assignment

Standard plug: P1J

P1J	
P/N	OUTPUT
CENTER	+

■ Derating Curve



■ Static Characteristics

