


■ Features :

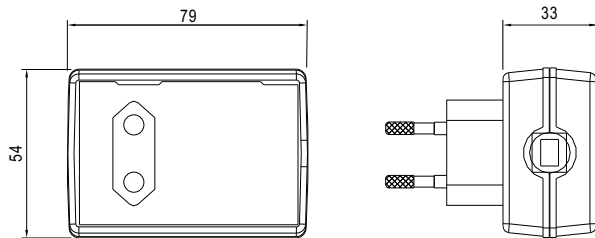
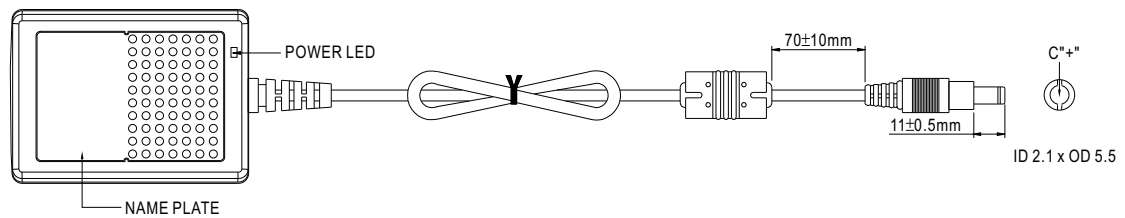
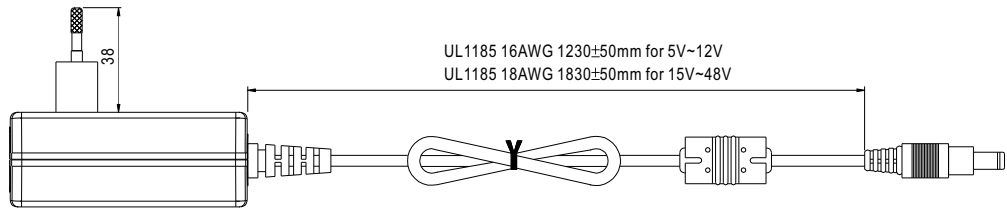
- Universal AC input / Full range
- No load power consumption < 0.3W
- ErP step2 compliant
- Meet EISA 2007 (Energy Independence and Security Act)
- 2 pole EURO plug
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- LED indicator for power on
- Approvals: TUV / CB / CE
- Pass LPS
- 2 years warranty


SPECIFICATION

ORDER NO.	GS25E05-P1J	GS25E07-P1J	GS25E09-P1J	GS25E12-P1J	GS25E15-P1J	GS25E18-P1J	GS25E24-P1J	GS25E28-P1J	GS25E48-P1J	
OUTPUT	SAFETY MODEL NO.									
	DC VOLTAGE	Note.2 5V	7.5V	9V	12V	15V	18V	24V	28V	48V
	RATED CURRENT	4.0A	2.93A	2.77A	2.08A	1.66A	1.38A	1.04A	0.89A	0.52A
	CURRENT RANGE	0 ~ 4.0A	0 ~ 2.93A	0 ~ 2.77A	0 ~ 2.08A	0 ~ 1.66A	0 ~ 1.38A	0 ~ 1.04A	0 ~ 0.89A	0 ~ 0.52A
	RATED POWER (max.)	20W	22W	25W	25W	25W	25W	25W	25W	25W
	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.)									
78.5% 81.5% 82.5% 84.5% 84.5% 84.5% 85.5% 85.5% 87%										
AC CURRENT										
0.7A / 100VAC										
INRUSH CURRENT (max.)										
45A / 230VAC										
LEAKAGE CURRENT(max.)										
0.25mA / 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										
ENVIRONMENT	WORKING TEMP.									
	0 ~ +50°C (Refer to output load 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									
	TUV EN60950-1 approved									
	WITHSTAND VOLTAGE									
	I/P-O/P:4242VDC									
	ISOLATION RESISTANCE									
I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH										
EMI CONDUCTION & RADIATION										
Compliance to EN55022 class B										
HARMONIC CURRENT										
Compliance to EN61000-3-2,3										
EMS 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									
79*54*33mm (L*W*H)										
PACKING										
210g ; 60pcs / 13.5kg / CARTON										
CONNECTOR	PLUG									
	See page2									
CABLE										
See page2										
NOTE	1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 2.DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 4.Tolerance: includes set up tolerance, line regulation, load regulation. 5.Line regulation is measured from low line to high line at rated load. 6.Load regulation is measured from 20% to 100% rated load 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.									

■ Mechanical Specification

Unit:mm

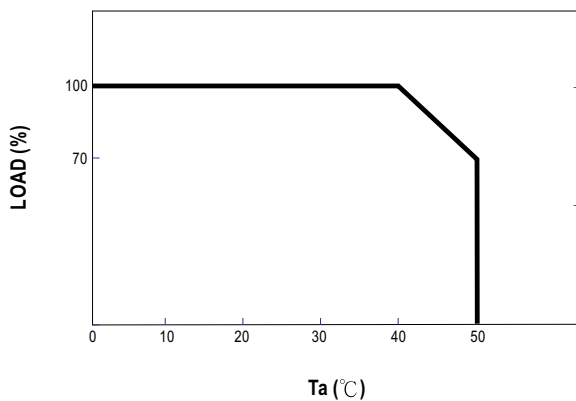


■ Plug Assignment

Standard plug: P1J (option)

P1J	
P/N	OUTPUT
CENTER	+

■ Derating Curve



■ Static Characteristics

