


**■ Features :**

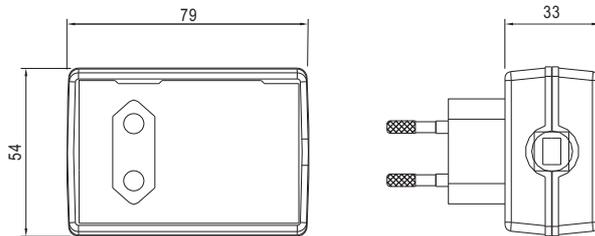
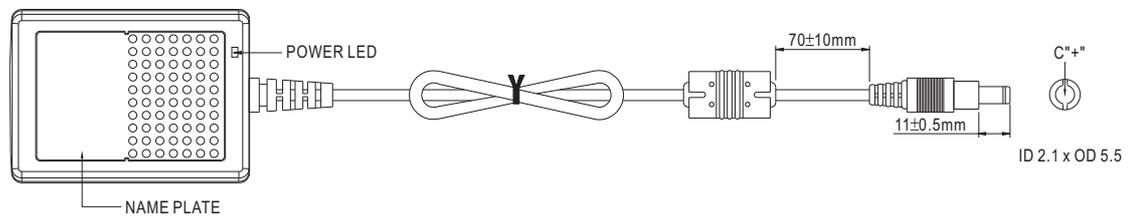
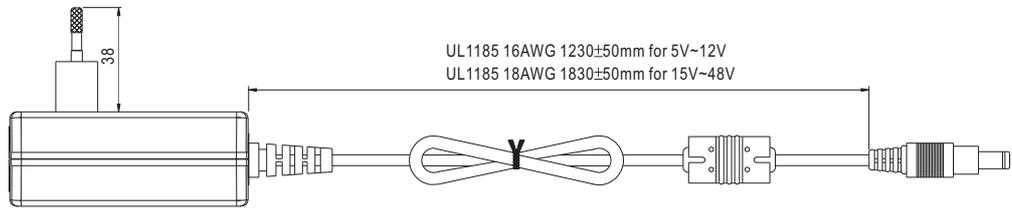
- Universal AC input / Full range
- No load power consumption < 0.3W
- ErP step2 compliant
- Meet EISA 2007 (Energy Independence and Security Act)
- 2 pole EURO plug
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- LED indicator 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	<b>SAFETY MODEL NO.</b>									
	DC VOLTAGE <small>Note.2</small>	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.) <small>Note.3</small>	50mVp-p	80mVp-p	80mVp-p	80mVp-p	100mVp-p	150mVp-p	180mVp-p	240mVp-p	240mVp-p
	VOLTAGE TOLERANCE <small>Note.4</small>	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%
	LINE REGULATION <small>Note.5</small>	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LOAD REGULATION <small>Note.6</small>	±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	<b>VOLTAGE RANGE</b>									
	90 ~ 264VAC    135 ~ 370VDC									
	<b>FREQUENCY RANGE</b>									
	47 ~ 63Hz									
	<b>EFFICIENCY (Typ.)</b>									
78.5%    81.5%    82.5%    84.5%    84.5%    84.5%    85.5%    85.5%    87%										
<b>AC CURRENT</b>										
0.7A / 100VAC										
<b>INRUSH CURRENT (max.)</b>										
45A / 230VAC										
<b>LEAKAGE CURRENT(max.)</b>										
0.25mA / 240VAC										
PROTECTION	<b>OVERLOAD</b>									
	110 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed									
<b>OVER VOLTAGE</b>										
105 ~ 135% rated output voltage Protection type : Clamp by zener diode										
ENVIRONMENT	<b>WORKING TEMP.</b>									
	0 ~ +50°C (Refer to output load derating curve)									
	<b>WORKING HUMIDITY</b>									
	20% ~ 90% RH non-condensing									
	<b>STORAGE TEMP., HUMIDITY</b>									
-20 ~ +85°C, 10 ~ 95% RH										
<b>TEMP. COEFFICIENT</b>										
±0.03% / °C (0 ~ 50°C)										
<b>VIBRATION</b>										
10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes										
SAFETY & EMC <small>(Note. 7)</small>	<b>SAFETY STANDARDS</b>									
	TUV EN60950-1 approved									
	<b>WITHSTAND VOLTAGE</b>									
	I/P-O/P:4242VDC									
	<b>ISOLATION RESISTANCE</b>									
I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH										
<b>EMI CONDUCTION &amp; RADIATION</b>										
Compliance to EN55022 class B										
<b>HARMONIC CURRENT</b>										
Compliance to EN61000-3-2,3										
<b>EMS IMMUNITY</b>										
Compliance to EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A										
OTHERS	<b>MTBF</b>									
	500Khrs min. MIL-HDBK-217F(25°C)									
	<b>DIMENSION</b>									
79*54*33mm (L*W*H)										
<b>PACKING</b>										
210g ; 60pcs / 13.5kg / CARTON										
CONNECTOR	<b>PLUG</b>									
	See page2									
<b>CABLE</b>										
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

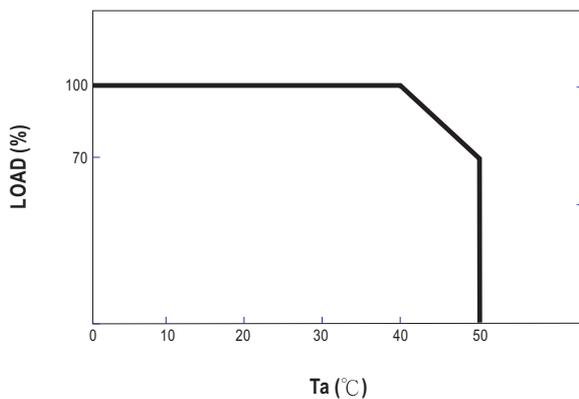


■ Plug Assignment

Standard plug: P1J (option)

P1J	
P/N	OUTPUT
CENTER	+

■ Derating Curve



■ Static Characteristics

