



■ Features :

- Universal AC input / Full range
- No load power consumption < 0.3W
- Energy efficiency Level V
- Comply with EU ErP
- 2 pole EURO plug
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage
- Pass LPS
- Fully enclosed plastic case
- LED indicator for power on
- 2 years warranty

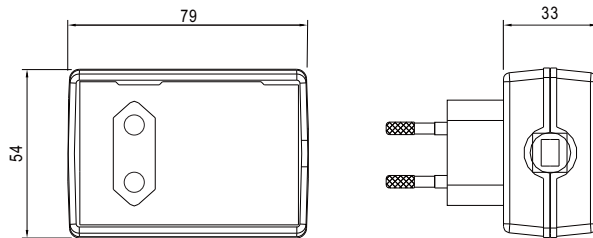
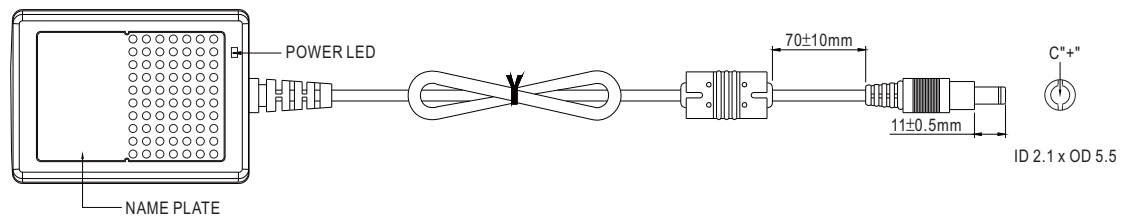
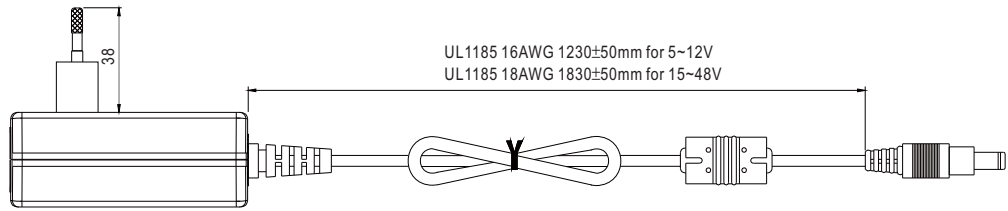


SPECIFICATION

ORDER NO.	GS25E05-P1J	GS25E07-P1J	GS25E09-P1J	GS25E12-P1J	GS25E15-P1J	GS25E18-P1J	GS25E24-P1J	GS25E28-P1J	GS25E48-P1J	
OUTPUT	SAFETY MODEL NO.									
	DC VOLTAGE	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.)	50mVp-p	80mVp-p	80mVp-p	80mVp-p	100mVp-p	150mVp-p	180mVp-p	240mVp-p	240mVp-p
	VOLTAGE TOLERANCE	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%
	LINE REGULATION	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LOAD REGULATION	±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 "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									
	TUV EN60950-1 approved									
	WITHSTAND VOLTAGE									
	I/P-O/P:4242VDC									
	ISOLATION RESISTANCE									
I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH										
EMC EMISSION										
Compliance to EN55032 class B, EN61000-3-2,3										
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										
79*54*33mm (L*W*H)										
PACKING										
210g ; 60pcs / 13.5kg / 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

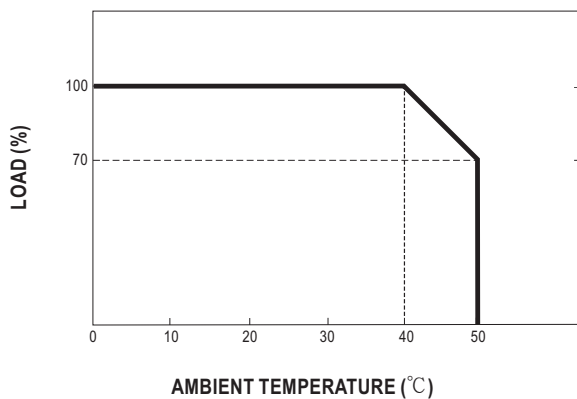


Plug Assignment

Standard plug: P1J

P1J	
P/N	OUTPUT
CENTER	+

Derating Curve



Static Characteristics

