



6W AC-DC Industrial Adaptor

GS06U series



■ Features :

- Universal AC input / Full range
- No load power consumption <0.075W
- Energy efficiency Level VI
- Comply with EISA 2007
- 2 pole USA plug
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage
- Pass LPS
- Fully enclosed plastic case
- 2 years warranty

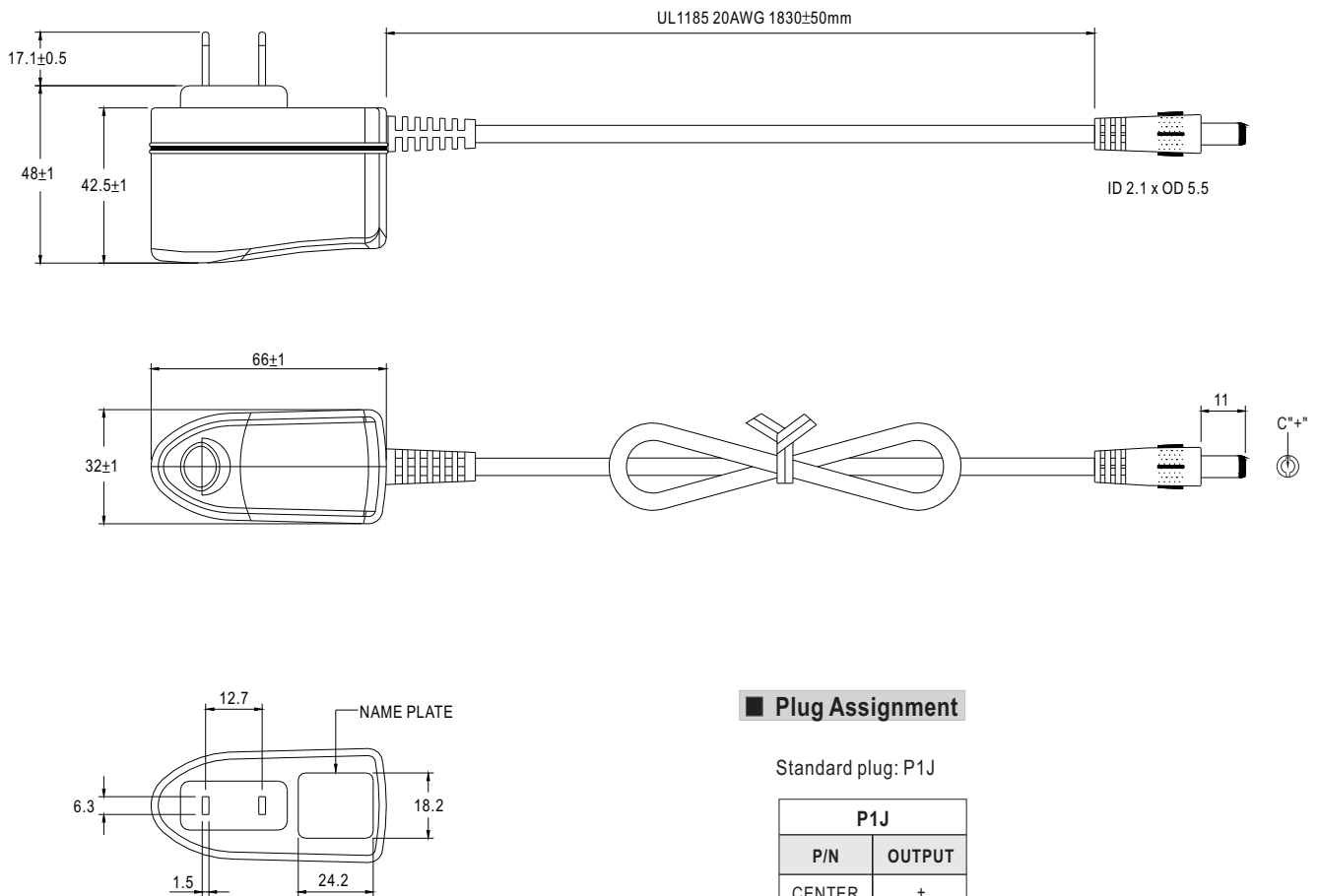


SPECIFICATION

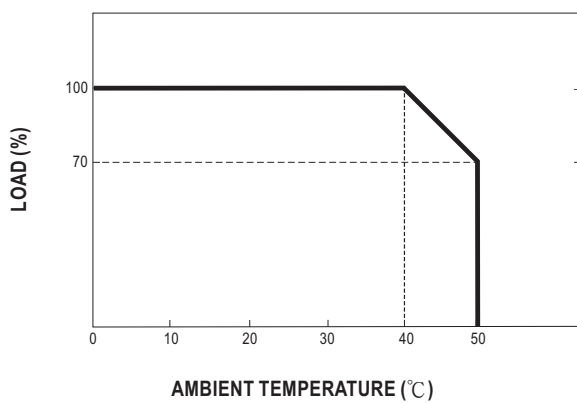
ORDER NO.		GS06U-1P1J	GS06U-11P1J	GS06U-2P1J	GS06U-3P1J	GS06U-4P1J	GS06U-5P1J	GS06U-6P1J	GS06U-8P1J
OUTPUT	SAFETY MODEL NO.	GS06U-1	GS06U-1-1	GS06U-2	GS06U-3	GS06U-4	GS06U-5	GS06U-6	GS06U-8
	DC VOLTAGE Note.2	5V	7.5V	9V	12V	15V	18V	24V	48V
	RATED CURRENT	1.00A	0.8A	0.66A	0.5A	0.4A	0.33A	0.25A	0.125A
	CURRENT RANGE	0 ~ 1.00A	0 ~ 0.8A	0 ~ 0.66A	0 ~ 0.5A	0 ~ 0.4A	0 ~ 0.33A	0 ~ 0.25A	0 ~ 0.125A
	RATED POWER	5W	6W	6W	6W	6W	6W	6W	6W
	RIPPLE & NOISE (max.) Note.3	50mVp-p	80mVp-p	80mVp-p	100mVp-p	120mVp-p	150mVp-p	180mVp-p	200mVp-p
	VOLTAGE TOLERANCE Note.4	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%
	LINE REGULATION Note.5	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION Note.6	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%
SETUP, RISE, HOLD UP TIME		1000ms, 50ms, 12ms at full load							
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC							
	FREQUENCY RANGE	47 ~ 63Hz							
	EFFICIENCY (Typ.)	68%	74%	75%	77%	78%	78%	82%	84%
	AC CURRENT	0.2A / 100VAC							
	INRUSH CURRENT (max.)	50A / 230VAC							
	LEAKAGE CURRENT(max.)	0.25mA / 240VAC							
PROTECTION	OVERLOAD	>105% rated output voltage power for 5V ; >110% rated output power for 7.5 ~ 48V Protection type : Hiccup mode, recovers automatically after fault condition is removed							
	OVER VOLTAGE	>120% rated output voltage Protection type : Clamp by zener diode							
	WORKING TEMP.	0 ~ +40℃ (Refer to "Derating Curve")							
ENVIRONMENT	WORKING HUMIDITY	20% ~ 90% RH non-condensing							
	STORAGE TEMP., HUMIDITY	-20 ~ +85℃, 10 ~ 95% RH							
	TEMP. COEFFICIENT	±0.03% / ℃ (0 ~ 40℃)							
	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 approved							
	WITHSTAND VOLTAGE	I/P-O/P:4242VDC							
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25℃ / 70% RH							
OTHERS	EMC EMISSION	Compliance to FCC part 15 Class B							
	MTBF	500Khrs min. MIL-HDBK-217F(25℃)							
	DIMENSION	32*66*42.5mm (L*W*H)							
CONNECTOR	PACKING	100g ; 110pcs / 12Kg / CARTON							
	PLUG	See page 2 ; Other type available by customer requested							
	CABLE	See page 2 ; Other type available by customer requested							
NOTE		1.All parameters are specified at 115VAC input, rated load, 25℃ 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 0% 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. 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)							

Mechanical Specification

Unit:mm



Derating Curve



Static Characteristics

