



36W AC-DC Industrial Adaptor

GS36U series



■ Features :

- Universal AC input / Full range
- No load power consumption < 0.3W
- Energy efficiency Level V
- Comply with EISA 2007 and NRCAN
- 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

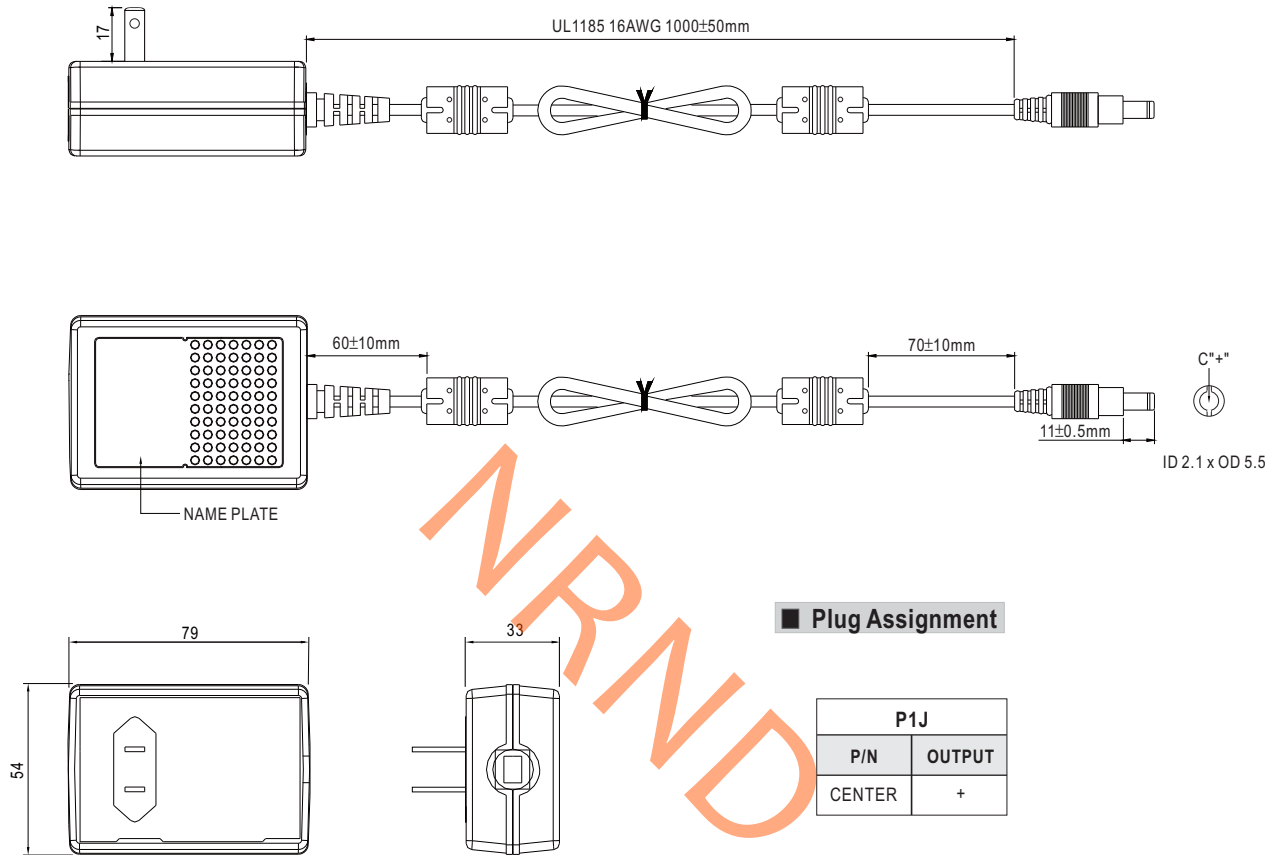


SPECIFICATION

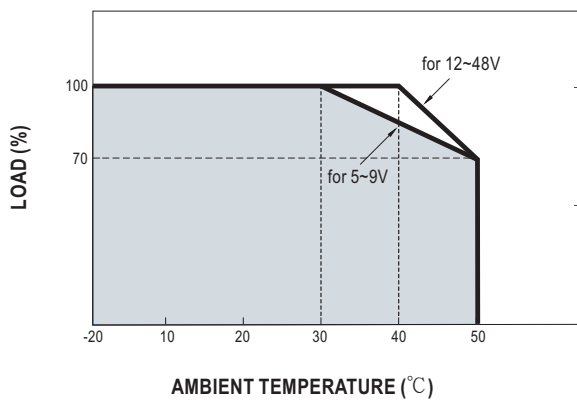
ORDER NO.		GS36U05-P1J	GS36U09-P1J	GS36U12-P1J	GS36U24-P1J	GS36U48-P1J
OUTPUT	SAFETY MODEL NO.	GS36U05	GS36U09	GS36U12	GS36U24	GS36U48
	DC VOLTAGE Note.2	5V	9V	12V	24V	48V
	RATED CURRENT	4.5A	3.5A	3A	1.5A	0.75A
	CURRENT RANGE	0 ~ 4.5A	0 ~ 3.5A	0 ~ 3A	0 ~ 1.5A	0 ~ 0.75A
	RATED POWER (max.)	22.5W	31.5W	36W	36W	36W
	RIPPLE & NOISE (max.) Note.3	90mVp-p	90mVp-p	100mVp-p	180mVp-p	240mVp-p
	VOLTAGE TOLERANCE Note.4	±5.0%	±5.0%	±3.0%	±2.0%	±2.0%
	LINE REGULATION Note.5	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LOAD REGULATION Note.6	±5.0%	±5.0%	±3.0%	±2.0%	±2.0%
INPUT	SETUP, RISE, HOLD UP TIME	1000ms, 20ms, 50ms/230VAC 1000ms, 20ms, 15ms/115VAC at full load				
	VOLTAGE RANGE	90 ~ 264VAC 135 ~ 370VDC				
	FREQUENCY RANGE	47 ~ 63Hz				
	EFFICIENCY (Typ.)	76.5%	81.5%	84.5%	85.5%	87.5%
	AC CURRENT	0.7A / 100VAC				
	INRUSH CURRENT (max.)	35A / 115VAC				
PROTECTION	LEAKAGE CURRENT(max.)	0.25mA / 240VAC				
	OVERLOAD	110 ~ 250% 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.	-20 ~ +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)				
SAFETY & EMC (Note. 7)	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
	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°C / 70% RH				
OTHERS	EMC EMISSION	Compliance to FCC PART 15 / CISPR22 class B				
	MTBF	692.3Khrs min. MIL-HDBK-217F(25°C)				
	DIMENSION	79*54*33mm (L*W*H)				
CONNECTOR	PACKING	226g ; 60pcs / 15.5kg / 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°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. 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

