



■ Features :

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

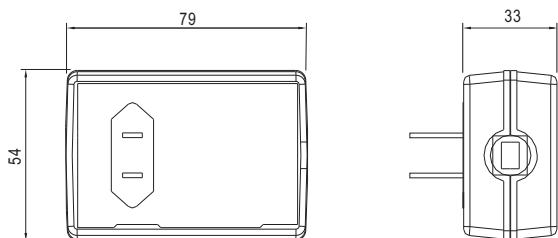
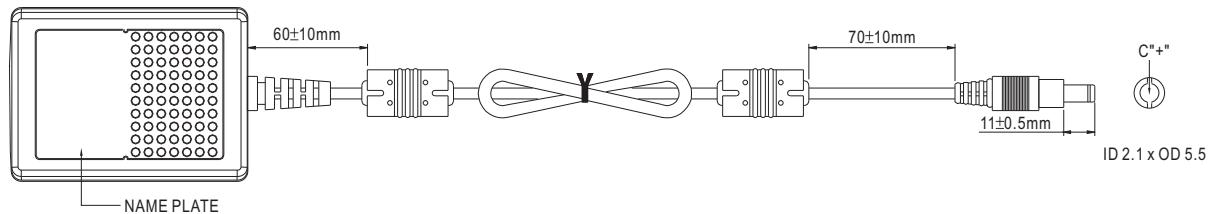
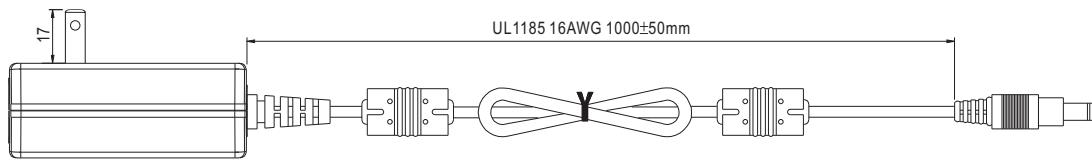


SPECIFICATION

ORDER NO.	GS36U05-P1J	GS36U09-P1J	GS36U12-P1J	GS36U24-P1J	GS36U48-P1J
OUTPUT	SAFETY MODEL NO.	GS36U05	GS36U09	GS36U12	GS36U24
	DC VOLTAGE Note.2	5V	9V	12V	24V
	RATED CURRENT	4.5A	3.5A	3A	1.5A
	CURRENT RANGE	0 ~ 4.5A	0 ~ 3.5A	0 ~ 3A	0 ~ 1.5A
	RATED POWER (max.)	22.5W	31.5W	36W	36W
	ripple & noise (max.) Note.3	90mVp-p	90mVp-p	100mVp-p	180mVp-p
	VOLTAGE TOLERANCE Note.4	±5.0%	±5.0%	±3.0%	±2.0%
	LINE REGULATION Note.5	±1.0%	±1.0%	±1.0%	±1.0%
	LOAD REGULATION Note.6	±5.0%	±5.0%	±3.0%	±2.0%
SETUP, RISE, HOLD UP TIME					
1000ms, 20ms, 50ms/230VAC 1000ms, 20ms, 15ms/115VAC at full load					
INPUT	VOLTAGE RANGE	90 ~ 264VAC 135 ~ 370VDC			
	FREQUENCY RANGE	47 ~ 63Hz			
	EFFICIENCY (Typ.)	76.5%	81.5%	84.5%	85.5%
	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			
	WORKING TEMP.	-20 ~ +50°C (Refer to "Derating Curve")			
ENVIRONMENT	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	UL60950-1, CSA C22.2, BSMI CNS14336 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 FCC PART 15 / CISPR22 class B, CNS13438 class B			
OTHERS	MTBF	692.3Khrs min. MIL-HDBK-217F(25°C)			
	DIMENSION	79*54*33mm (L*W*H)			
	PACKING	226g ; 60pcs / 15.5kg / CARTON			
CONNECTOR	PLUG	See page2			
	CABLE	See page2			
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.				

■ Mechanical Specification

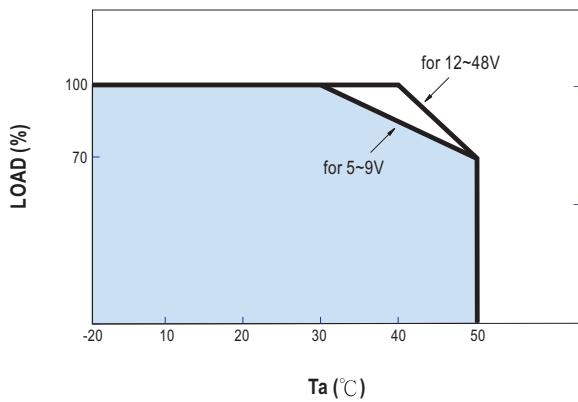
Unit:mm



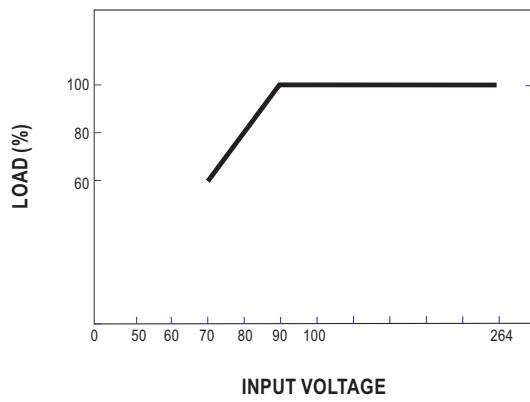
■ Plug Assignment

P1J	
P/N	OUTPUT
CENTER	+

■ Derating Curve



■ Static Characteristics



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Mean Well:

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