



### ■ 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

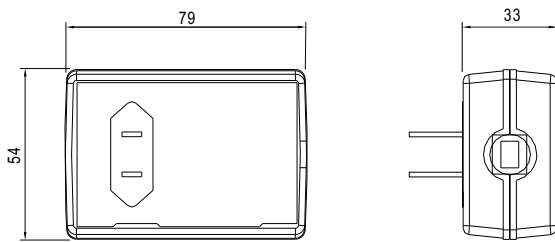
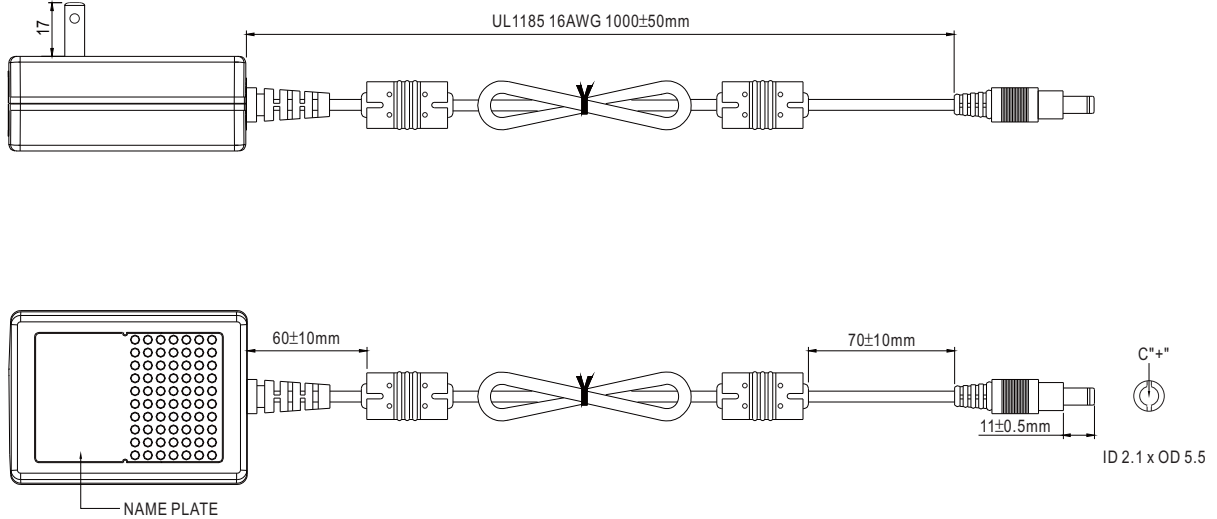


### SPECIFICATION

ORDER NO.	GS36U05-P1J	GS36U09-P1J	GS36U12-P1J	GS36U24-P1J	GS36U48-P1J	
OUTPUT	<b>SAFETY MODEL NO.</b>	GS36U05	GS36U09	GS36U12	GS36U24	GS36U48
	<b>DC VOLTAGE</b> <small>Note.2</small>	5V	9V	12V	24V	48V
	<b>RATED CURRENT</b>	4.5A	3.5A	3A	1.5A	0.75A
	<b>CURRENT RANGE</b>	0 ~ 4.5A	0 ~ 3.5A	0 ~ 3A	0 ~ 1.5A	0 ~ 0.75A
	<b>RATED POWER (max.)</b>	22.5W	31.5W	36W	36W	36W
	<b>RIPPLE &amp; NOISE (max.)</b> <small>Note.3</small>	90mVp-p	90mVp-p	100mVp-p	180mVp-p	240mVp-p
	<b>VOLTAGE TOLERANCE</b> <small>Note.4</small>	±5.0%	±5.0%	±3.0%	±2.0%	±2.0%
	<b>LINE REGULATION</b> <small>Note.5</small>	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	<b>LOAD REGULATION</b> <small>Note.6</small>	±5.0%	±5.0%	±3.0%	±2.0%	±2.0%
<b>SETUP, RISE, HOLD UP TIME</b>	1000ms, 20ms, 50ms/230VAC      1000ms, 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>	76.5%	81.5%	84.5%	85.5%	87.5%
	<b>AC CURRENT</b>	0.7A / 100VAC				
	<b>INRUSH CURRENT (max.)</b>	35A / 115VAC				
	<b>LEAKAGE CURRENT(max.)</b>	0.25mA / 240VAC				
PROTECTION	<b>OVERLOAD</b>	110 ~ 250% 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>	-20 ~ +50°C (Refer to "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 ~ 40°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>	UL60950-1, CSA C22.2, BSMI CNS14336 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>EMC EMISSION</b>	Compliance to FCC PART 15 / CISPR22 class B, CNS13438 class B				
OTHERS	<b>MTBF</b>	692.3Khrs min. MIL-HDBK-217F(25°C)				
	<b>DIMENSION</b>	79*54*33mm (L*W*H)				
	<b>PACKING</b>	226g ; 60pcs / 15.5kg / CARTON				
CONNECTOR	<b>PLUG</b>	See page 2 ; Other type available by customer requested				
	<b>CABLE</b>	See page 2 ; Other type available by customer requested				
NOTE	<p>1.All parameters are specified at 115VAC input, rated load, 25°C 70% RH ambient.</p> <p>2.DC voltage: The output voltage set at point measure by plug terminal &amp; 50% load.</p> <p>3.Ripple &amp; noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf &amp; 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 <a href="http://www.meanwell.com">http://www.meanwell.com</a>)</p>					

**Mechanical Specification**

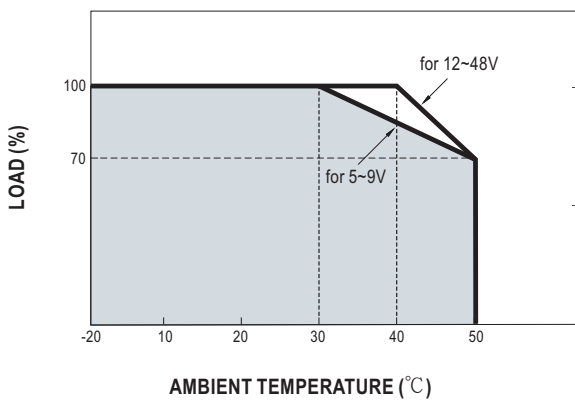
Unit:mm



**Plug Assignment**

P1J	
P/N	OUTPUT
CENTER	+

**Derating Curve**



**Static Characteristics**

