



## ■ Features :

- Universal AC input / Full range
- No load power consumption <0.3W
- Energy efficiency Level V
- Comply with EU ErP
- Compact size
- 2 pole Euro plug
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Pass LPS
- 100% full load burn-in test
- Fully enclosed plastic case
- Low cost, high reliability
- 2 years warranty

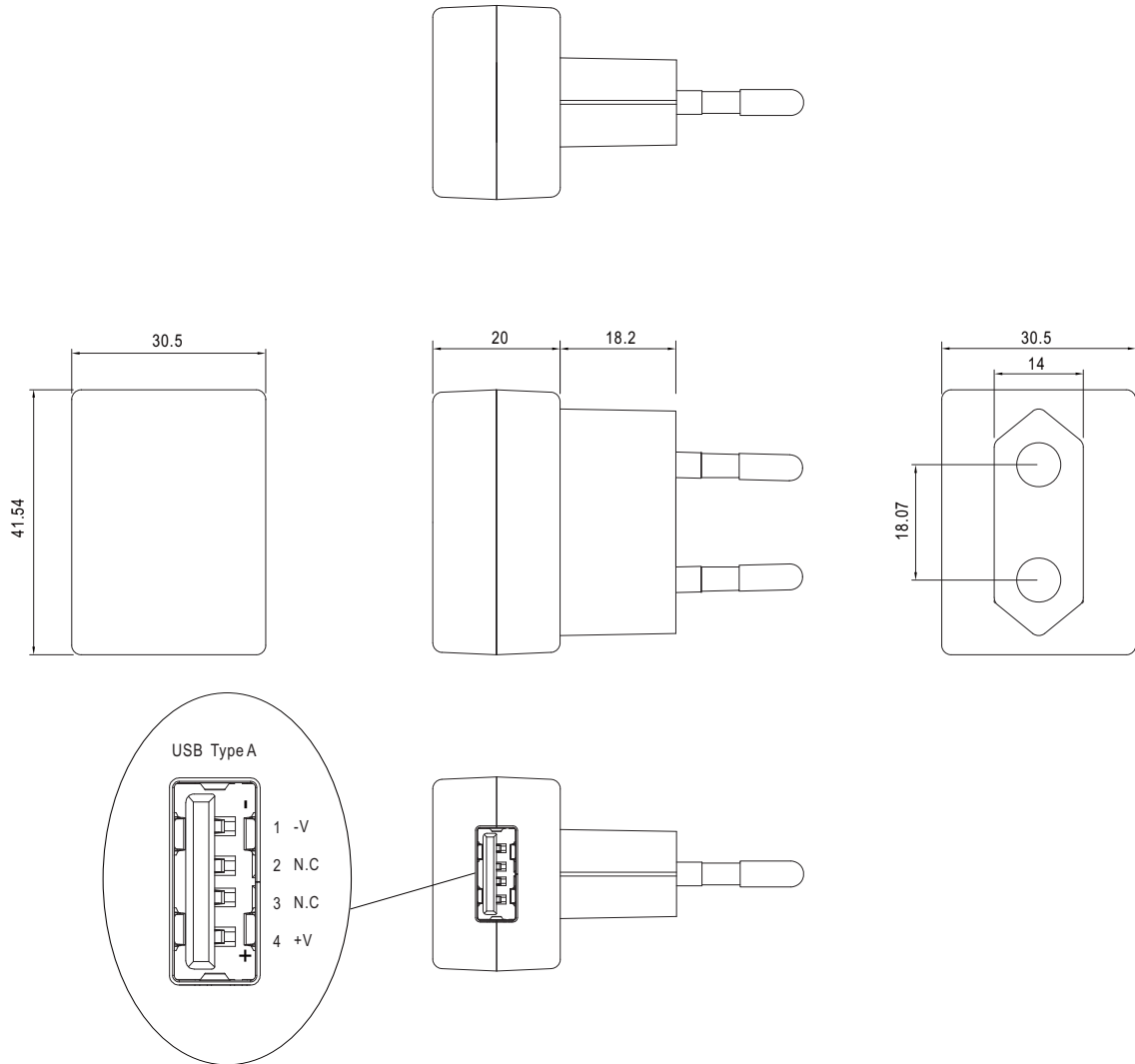


## SPECIFICATION

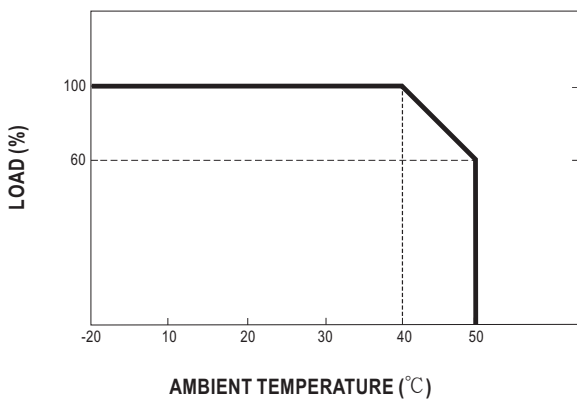
MODEL NO.		GS05E-USB
OUTPUT	SAFETY MODEL NO.	GS05E
	DC VOLTAGE <small>Note.2</small>	5V
	RATED CURRENT	1.00A
	CURRENT RANGE	0 ~ 1.00A
	RATED POWER	5W
	RIPPLE & NOISE (max.) <small>Note.3</small>	80mVp-p
	VOLTAGE TOLERANCE <small>Note.4</small>	±4.0%
	LINE REGULATION <small>Note.5</small>	±1.0%
	LOAD REGULATION <small>Note.6</small>	±4.0%
SETUP, RISE, HOLD UP TIME		300ms, 20ms, 50ms at full load
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (Typ.)	71%
	AC CURRENT	0.15A / 100VAC
	INRUSH CURRENT (max.)	30A / 230VAC
LEAKAGE CURRENT(max.)		0.25mA / 240VAC
PROTECTION	OVERLOAD	105 ~ 135% rated output voltage power Protection type : Hiccup mode, recovers automatically after fault condition is removed
	OVER VOLTAGE	105 ~ 200% rated output voltage, detect on main control IC Protection type : Hiccup mode, recovers automatically after fault condition is removed
	OVER TEMPERATURE	U1 Tj 142°C typically (U1) detect on main control IC Protection type : Shut down o/p voltage, recovers automatically after temperature goes down
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)
VIBRATION		10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
SAFETY & EMC <small>(Note. 7)</small>	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 EN55022 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	1100Khrs min. MIL-HDBK-217F(25°C)
	DIMENSION	41.54*30.5*20mm (L*W*H)
	PACKING	32g ; 78pcs / 4.6Kg / CARTON
DC OUTPUT CONNECTOR		USB Type A
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 &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 0% 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



■ Derating Curve



■ Static Characteristics

