



5WAC-DC Industrial Adaptor

GS05E-USB



■ Features :

- Universal AC input / Full range
- 2 pole Euro plug
- No load power consumption <0.075W
- **Energy efficiency Level VI**
- Comply with EU ErP and meet CoC version 5
- Compact size
- 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

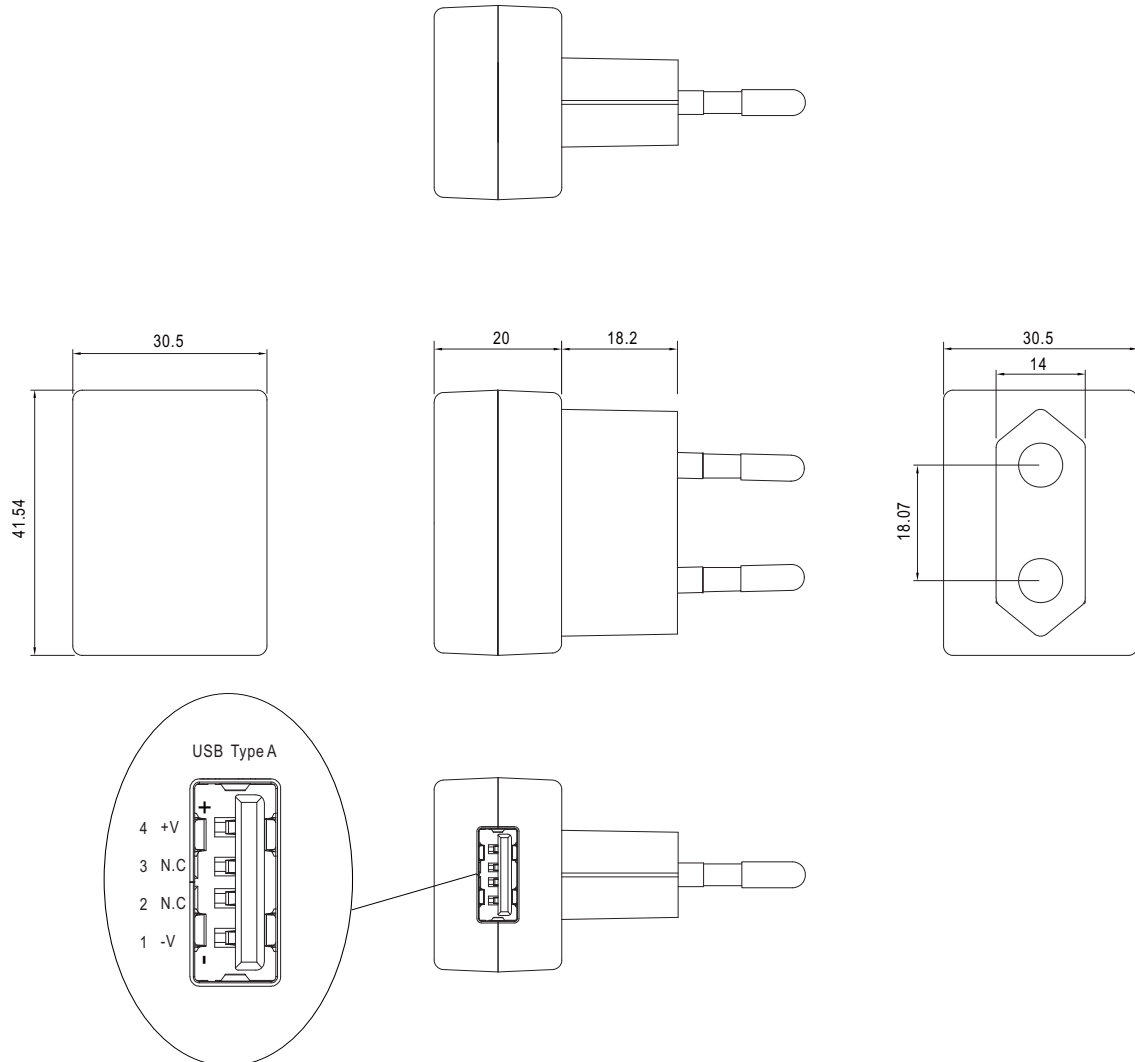


SPECIFICATION

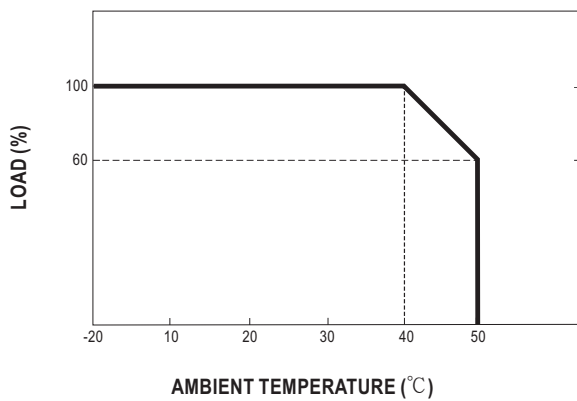
MODEL NO.		GS05E-USB
OUTPUT	SAFETY MODEL NO.	GS05E
	DC VOLTAGE <small>Note.2</small>	5V
	RATED CURRENT	1.00A
	CURRENT RANGE	0 ~ 1.00A
	RATED POWER	5W
	RIPPLE & NOISE (max.) <small>Note.3</small>	80mVp-p
	VOLTAGE TOLERANCE <small>Note.4</small>	±5.0%
	LINE REGULATION <small>Note.5</small>	±1.0%
	LOAD REGULATION <small>Note.6</small>	±5.0%
INPUT	SETUP, RISE, HOLD UP TIME	1500ms, 20ms, 5ms at full load
	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (Typ.)	74.5%
	AC CURRENT	0.2A / 100VAC
	INRUSH CURRENT (max.)	30A / 230VAC
PROTECTION	LEAKAGE CURRENT(max.)	0.25mA / 240VAC
	OVERLOAD	105 ~ 135% rated output 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	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 BS EN/EN62368-1, EAC TP TC 004 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 BS EN/EN55032 Class B, BS EN/EN61000-3-2,3, EAC TP TC 020
OTHERS	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A, EAC TP TC 020
	MTBF	1100Khrs min. MIL-HDBK-217F(25°C)
	DIMENSION	41.54*30.5*20mm (L*W*H)
PACKING		45g ; 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 & 50% load.</p> <p>3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 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 http://www.meanwell.com)</p> <p>※ Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx</p>

Mechanical Specification

Unit:mm



Derating Curve



Static Characteristics

