


■ Features :

- Universal AC input / Full range
- 2 pole USA plug
- Class II power (without earth pin)
- Full output 3~48V safety approval
- Protections: Short circuit/ Over load/ Over voltage
- RCC control circuit and regulated
- Pass LPS for 9~48V output
- Fully enclosed plastic case
- Approvals: UL/ CUL/ CB/ CE
- 1 year warranty

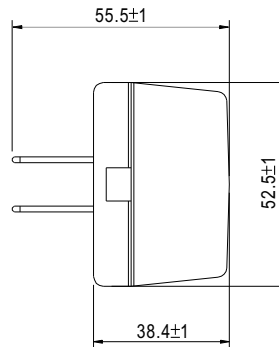
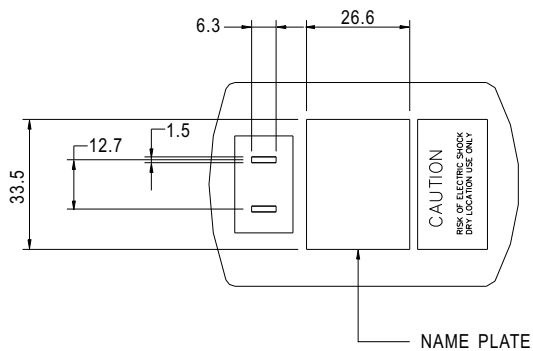
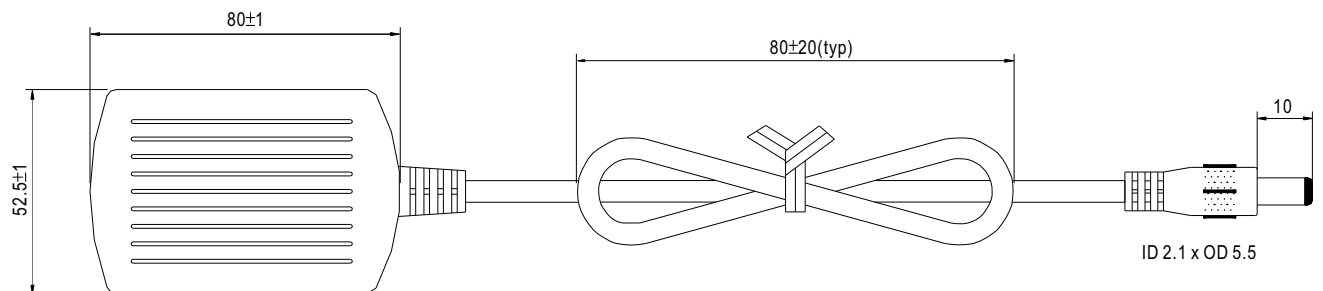
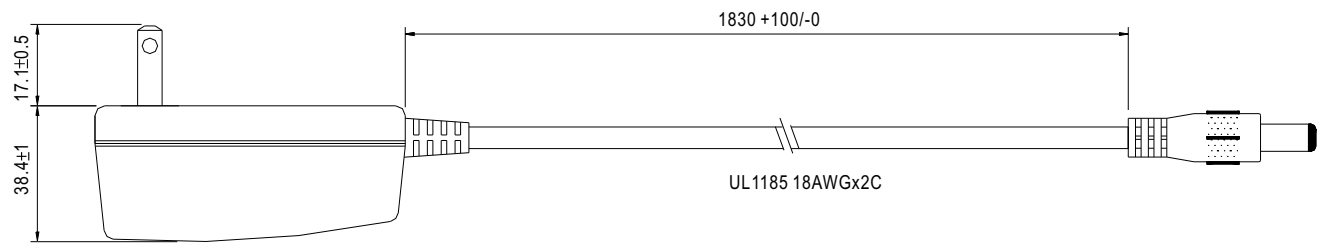

SPECIFICATION

ORDER NO.		G15U-0P2J	G15U-1P2J	G15U-1-1P2J	G15U-2P2J	G15U-3P2J	G15U-4P2J	G15U-5P2J	G15U-6P2J	G15U-8P2J
OUTPUT	SAFETY MODEL NO.	GSU15U-0	GSU15U-1	GSU15U-1-1	GSU15U-2	GSU15U-3	GSU15U-4	GSU15U-5	GSU15U-6	GSU15U-8
	DC VOLTAGE <small>Note.2</small>	3.3V	5V	7.5V	9V	12V	15V	18V	24V	48V
	RATED CURRENT	2.18A	2.40A	1.60A	1.66A	1.25A	1.00A	0.83A	0.62A	0.31A
	CURRENT RANGE	0 ~ 2.18A	0 ~ 2.40A	0 ~ 1.60A	0 ~ 1.66A	0 ~ 1.25A	0 ~ 1.00A	0 ~ 0.83A	0 ~ 0.62A	0 ~ 0.31A
	RATED POWER	7.2W	12W	12W	15W	15W	15W	15W	15W	15W
	PEAK POWER <small>Note.3</small>	9W	15W	15W	18W	18W	18W	18W	18W	18W
	RIPPLE & NOISE (max.) <small>Note.4</small>	50mVp-p	50mVp-p	80mVp-p	80mVp-p	80mVp-p	100mVp-p	100mVp-p	180mVp-p	300mVp-p
	VOLTAGE ADJ. RANGE	3~5V	5~6V	6~8V	8~11V	11~13V	13~16V	16~21V	21~27V	33~48V
		Fixed								
	VOLTAGE TOLERANCE <small>Note.5</small>	±5.0%	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±3.0%	±2.0%
INPUT	LINE REGULATION <small>Note.6</small>	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION <small>Note.7</small>	±5.0%	±4.5%	±4.5%	±4.5%	±2.5%	±2.5%	±2.5%	±2.5%	±1.5%
	SETUP, RISE, HOLD TIME	200ms, 50ms, 16ms at full load								
	VOLTAGE RANGE	90 ~ 264VAC 135~370VDC								
	FREQUENCY RANGE	47~63Hz								
	EFFICIENCY (Typ.) <small>Note.8</small>	55%	65%	70%	75%	75%	76%	78%	80%	80%
PROTECTION	AC CURRENT	0.5A / 100VAC								
	INRUSH CURRENT (max.)	20A / 115VAC								
	LEAKAGE CURRENT (max.)	0.25mA / 240VAC								
	OVER LOAD	150~250% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed								
ENVIRONMENT	OVER VOLTAGE	110~140% rated output voltage Protection type : Clamp by zener diode								
	WORKING TEMP.	0~+40℃ (Refer to output load derating curve)								
SAFETY & EMC (Note 9)	WORKING HUMIDITY	20%~90% RH non-condensing								
	STORAGE TEMP., HUMIDITY	-20~+85℃, 10~95% RH								
	TEMP. COEFFICIENT	±0.03% / °C (0~50℃)								
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes								
OTHERS	SAFETY STANDARDS	UL60950, CSA22.2 Approved								
	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC								
	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms min. / 500VDC								
	EMI CONDUCTION & RADIATION	Compliance to EN55022 class B								
	HARMONIC CURRENT	Compliance to EN61000-3-2,3								
CONNECTOR	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, Light industry level, criteria A								
	MTBF	500khrs min. MIL-HDBK-217F(25℃)								
	DIMENSION	80*53*39mm (L*W*H)								
NOTE	PACKING	170g ; 84pcs / 16Kg / CARTON								
	PLUG	Standard type P2J: 2.1φ * 5.5φ * 11mm, center positive for stock ; Other type available by customer requested								
	CABLE	Standard type 18Awg*2c UI1185 6ft for stock ; Other type available by customer requested								

- 1.All parameters are specified at 115VAC input, rated load, 25℃ 70% RH. Ambient.
- 2.DC voltage: The output voltage set at point measure by plug terminal & 50% load.
- 3.Peak power is ten minutes maximum.
- 4.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor.
- 5.Tolerance: includes set up tolerance, line regulation, load regulation.
- 6.Line regulation is measured from low line to high line at rated load.
- 7.Load regulation is measured from 0% to 100% rated load
- 8.Efficiency is measured at 115VAC.
- 9.The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

Mechanical Specification

Unit:mm

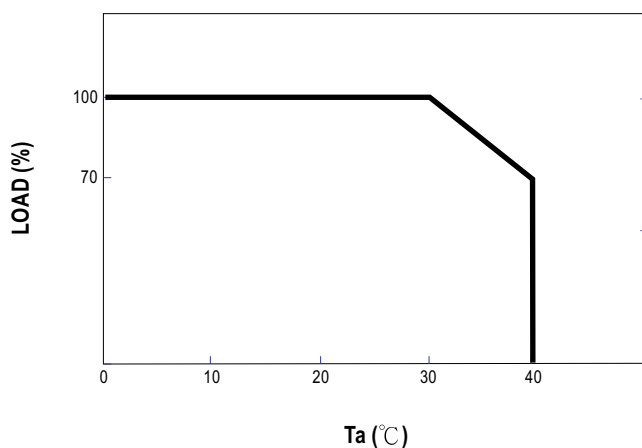


Plug Assignment

Standard plug: P2J (option)

P2J	
P/N	OUTPUT
CENTER	+

Derating Curve



Static Characteristics

