



7.2~15W AC-DC Single Output Desktop

G15A series



■ Features :

- Universal AC input / Full range
- 3 pole AC inlet IEC320-C14
- Class I power (with 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 / TUV / CB / CE
- 1 year warranty

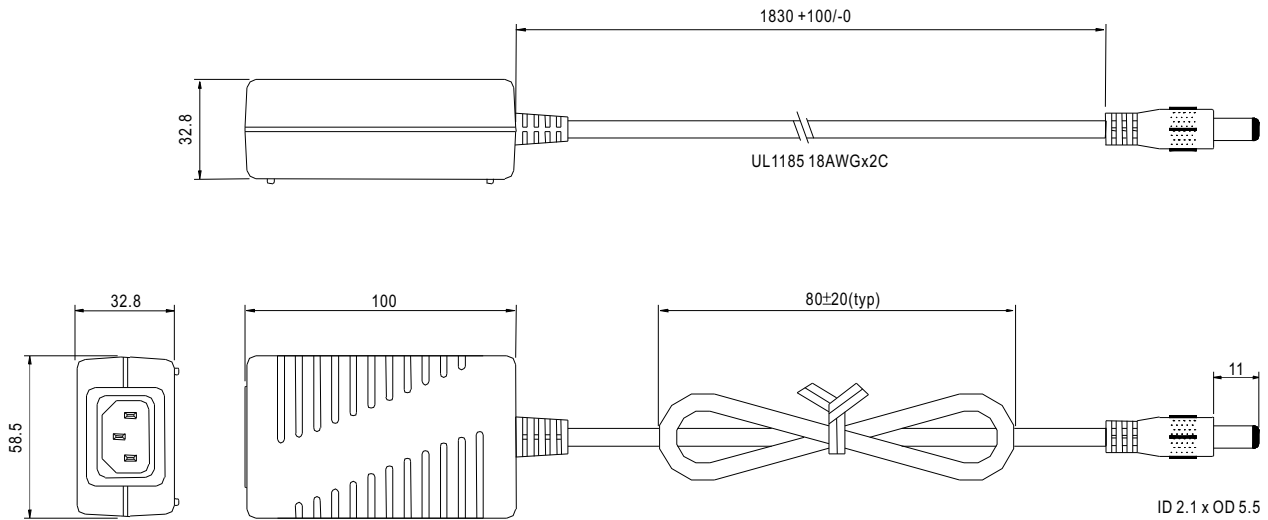


SPECIFICATION

ORDER NO.		G15A-0P2J	G15A-1P2J	G15A-1-1P2J	G15A-2P2J	G15A-3P2J	G15A-4P2J	G15A-5P2J	G15A-6P2J	G15A-8P2J	
OUTPUT	SAFETY MODEL NO.	GSU15A-0	GSU15A-1	GSU15A-1-1	GSU15A-2	GSU15A-3	GSU15A-4	GSU15A-5	GSU15A-6	GSU15A-8	
	DC VOLTAGE Note.2	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 Note.3	9W	15W	15W	18W	18W	18W	18W	18W	18W	
	RIPPLE & NOISE (max.) Note.4	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 Note.5	±5.0%	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±3.0%	±2.0%	
	LINE REGULATION Note.6	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
LOAD REGULATION Note.7	±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										
INPUT	VOLTAGE RANGE	90 ~ 264VAC 135~370VDC									
	FREQUENCY RANGE	47~63Hz									
	EFFICIENCY (Typ.) Note.8	55%	65%	70%	75%	75%	76%	78%	80%	80%	
	AC CURRENT	0.5A / 100VAC									
	INRUSH CURRENT (max.)	30A / 230VAC									
	LEAKAGE CURRENT(max.)	0.75mA / 240VAC									
PROTECTION	OVER LOAD	150~250% rated output power									
		Protection type : Hiccup mode, recovers automatically after fault condition is removed									
	OVER VOLTAGE	110~140% rated output voltage									
		Protection type : Clamp by zener diode									
ENVIRONMENT	WORKING TEMP.	0~+40℃ (Refer to output load derating curve)									
	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									
SAFETY & EMC (Note. 9)	SAFETY STANDARDS	UL60950, CSA22.2, EN60950 Approved									
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC , I/P-FG:1.5KVAC									
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG:100M Ohms / 500VDC									
	EMI CONDUCTION & RADIATION	Compliance to EN55022 class B									
	HARMONIC CURRENT	Compliance to EN61000-3-2,3									
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, Light industry level, criteria A									
OTHERS	MTBF	500khrs min. MIL-HDBK-217F(25℃)									
	DIMENSION	100*59*33mm (L*W*H)									
	PACKING	180g / 90pcs / 18kg / CARTON									
CONNECTOR	PLUG	Standard type P2J: 2.1φ * 5.5φ * 11mm, center positive for stock ; Other type available by customer requested									
	CABLE	Standard type 18Awg*2c UL1185 6ft for stock ; Other type available by customer requested									
NOTE	1.All parameters are specified at 230VAC 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

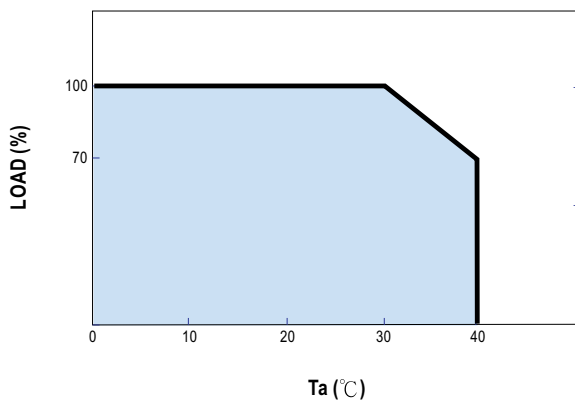


Plug Assignment

Standard plug: P2J (option)

P2J	
P/N	OUTPUT
CENTER	+

Derating Curve



Static Characteristics

