



■ Features :

- Universal AC input / Full range
- 2 pole AC inlet IEC320-C8
- No load power consumption <0.075W
- **Energy efficiency Level VI**
- Comply with EISA 2007/DoE, EU ErP and meet CoC version 5
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage
- Pass LPS
- Fully enclosed plastic case
- 2 years warranty



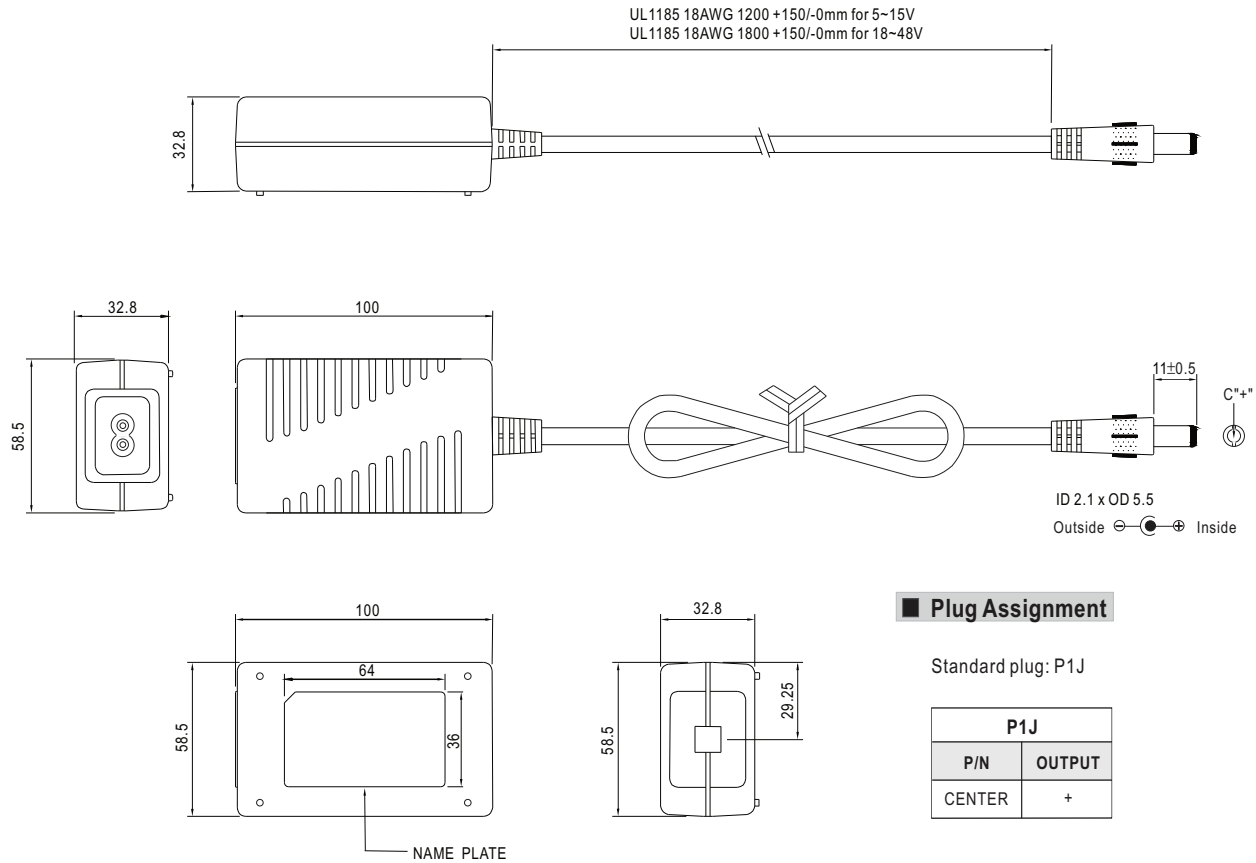
SPECIFICATION

ORDER NO.		GS15B-1P1J	GS15B-11P1J	GS15B-2P1J	GS15B-3P1J	GS15B-4P1J	GS15B-5P1J	GS15B-6P1J	GS15B-8P1J	
OUTPUT	SAFETY MODEL NO.	GS15B-1	GS15B-1-1	GS15B-2	GS15B-3	GS15B-4	GS15B-5	GS15B-6	GS15B-8	
	DC VOLTAGE <small>Note.2</small>	5V	7.5V	9V	12V	15V	18V	24V	48V	
	RATED CURRENT	2.40A	1.60A	1.66A	1.25A	1.00A	0.83A	0.625A	0.31A	
	CURRENT RANGE	0 ~ 2.40A	0 ~ 1.60A	0 ~ 1.66A	0 ~ 1.25A	0 ~ 1.00A	0 ~ 0.83A	0 ~ 0.625A	0 ~ 0.31A	
	RATED POWER	12W	12W	15W	15W	15W	15W	15W	15W	
	RIPPLE & NOISE (max.) <small>Note.3</small>	50mVp-p	80mVp-p	80mVp-p	80mVp-p	100mVp-p	120mVp-p	150mVp-p	240mVp-p	
	VOLTAGE TOLERANCE <small>Note.4</small>	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	
	LINE REGULATION <small>Note.5</small>	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
LOAD REGULATION <small>Note.6</small>	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%		
SETUP, RISE, HOLD UP TIME	3000ms, 50ms, 16ms at full load									
INPUT	VOLTAGE RANGE	90 ~ 264VAC 135 ~ 370VDC								
	FREQUENCY RANGE	47 ~ 63Hz								
	EFFICIENCY (Typ.)	80%	82.5%	85%	85%	85%	85%	85.5%	87%	
	AC CURRENT	0.5A / 100VAC								
	INRUSH CURRENT (max.)	50A / 230VAC								
LEAKAGE CURRENT(max.)	0.25mA / 240VAC									
PROTECTION	OVERLOAD	105 ~ 250% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed								
	OVER VOLTAGE	>120% rated output voltage Protection type : Clamp by zener diode								
ENVIRONMENT	WORKING TEMP.	0 ~ +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)								
SAFETY & EMC <small>(Note. 7)</small>	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes								
	SAFETY STANDARDS	UL60950-1, CSA C22.2, TUV EN60950-1 approved								
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC								
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH								
OTHERS	EMC EMISSION	Compliance to EN55022 Class B, EN61000-3-2,3, FCC part 15 Class B								
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A								
	MTBF	500Khrs min. MIL-HDBK-217F(25°C)								
CONNECTOR	DIMENSION	100*58.5*32.8mm (L*W*H)								
	PACKING	190g ; 90pcs / 18Kg / CARTON								
NOTE	PLUG	See page 2 ; Other type available by customer requested								
	CABLE	See page 2 ; Other type available by customer requested								
<p>1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 2.DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 4.Tolerance: includes set up tolerance, line regulation, load regulation. 5.Line regulation is measured from low line to high line at rated load. 6.Load regulation is measured from 0% to 100% rated load. 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>										

Specifications are subject to change without notice. It is responsibility of each customer to thoroughly test each product and part number under their unique parameters and environments to ensure a product will work properly and reliably.

Mechanical Specification

Unit:mm

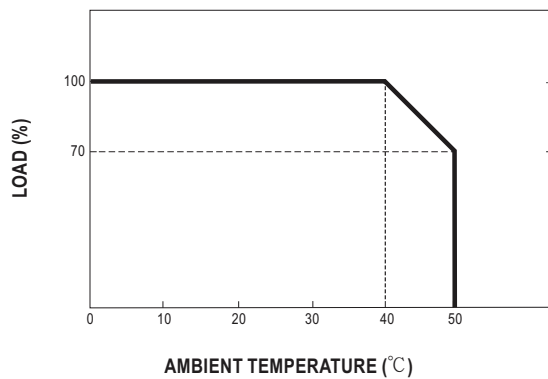


Plug Assignment

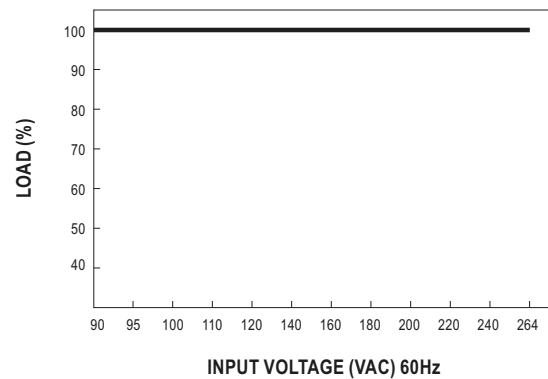
Standard plug: P1J

P1J	
P/N	OUTPUT
CENTER	+

Derating Curve



Static Characteristics



File Name:GS15B-SPEC 2015-10-02

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Click below for more details, to buy on-line or request volume pricing:

<http://power.sager.com/mean-well-GS15B-power-supply.html>

(866) 588-1750
power@sager.com
<http://power.sager.com>