

GS40A Series

40 Watt Single Output Desktop Switchers

Mean Well

External / Desktop Switcher

Dimensions: 4.92 x 1.97 x 1.24"

Features:

- Universal AC input / Full range
- No load power consumption < 0.3W
- Energy star(CEC) level IV compliant
- Energy star(CEC) draft V2.0 level V Compliant
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- LED indicator for power on
- Approvals: UL / CUL / TUV / BSMI / CCC / CB / FCC / CE
- 2 years warranty



Input Specifications:

Input Range	Universal AC input Range (90-264 VAC)
Input Frequency	47-63 Hz
Inrush Current	60A max @ 230VAC (cold start)
Input Current	1.0A @ 115VAC / 0.5A @ 230 VAC (max continuous)
Efficiency	81-91%
Hold-up Time	15ms minimum, full load
Leakage Current	< 750µA maximum @ 240 VAC
Harmonics	EN61000-3-2, Class D Compliant

Output Specifications:

Adjustment Range	Fixed
Minimum Load	None
Regulation	1% Line, 2-5% Load maximum
Ripple / Noise	50-240mV pk-pk maximum (20MHz)
Set-Point Accuracy	±2.5~5 % (maximum)
Over Current Protection	110-150%, hiccup mode
Over Voltage Protection	115~140% (shutdown, recycle AC to reset)

Status & Control Signals:

LED Indicator for Power On

Electromagnetic Compatibility:

Electrostatic Discharge	EN61000-4-2, ±4KV Contact / ±8KV Air Discharge
Radiated Susceptibility	EN61000-4-3, 26-1000MHz, 10V/M, 80% AM
EFT / Bursts	EN61000-4-4, ±2KV
Surges	EN61000-4-5, ±2KV Line-Earth, ±1KV Line-Line
Conducted Immunity	EN61000-4-6, 0.15-800MHz, 10V, 80% AM
Voltage Dips	EN61000-4-100, 95% Dip & 10ms, 30% Dip & 500ms
Voltage Interruptions	EN61000-4-11, 95% reduction, 5s
Fluctuations & Flicker	EN61000-3-3

Environmental Specifications:

Operating Temp	0~50°C Full Load
Storage Temp	-20°C ~ +85°C max.
Cooling	Convection Cooled
Humidity	20~90%RH (non-condensing)
Vibration	10-500Hz, 2G, 10min period/60 min each (3axes)
Shock	20G Peak Acceleration
Reliability	711k hours MTBF (per EIAJ RCR-9102)

Safety & Emissions:

- UL60950-1
- TUV EN60950-1
- BSMI CNS14336,
- CCC GB4943 approved
- CE Mark (LVD)

- EN55022 class B, FCC PART 15 / CISPR22 class B, CNS13438 class B



Specifications are subject to change without notice. If RoHS compliant products are required, please specify clearly on your Purchase Order

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Output Models:

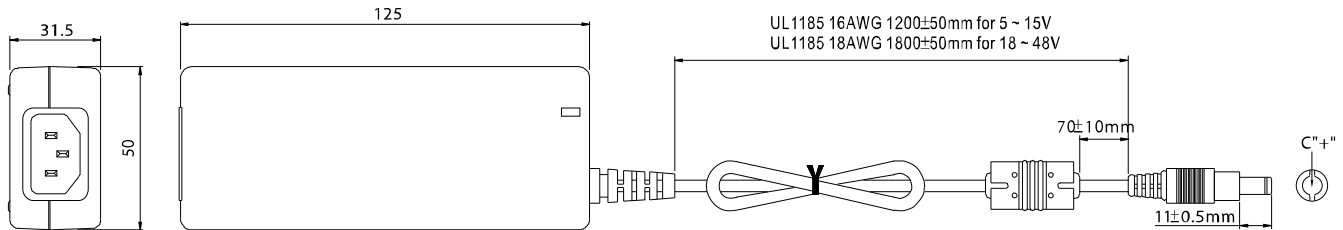
GS40A05-P1J	5V	5.00A
GS40A07-P1J	7.5V	5.34A
GS40A09-P1J	9V	4.45A
GS40A12-P1J	12V	3.34A
GS40A15-P1J	15V	2.67A
GS40A18-P1J	18V	2.22A
GS40A24-P1J	24V	1.67A
GS40A48-P1J	48V	0.84A

- Standard Output Connector is 5.5 x 2.1 x 11mm Barrel Jack (straight) with center hole positive.
- Consult your salesperson to request other cable / connector option

Mechanical Specifications:

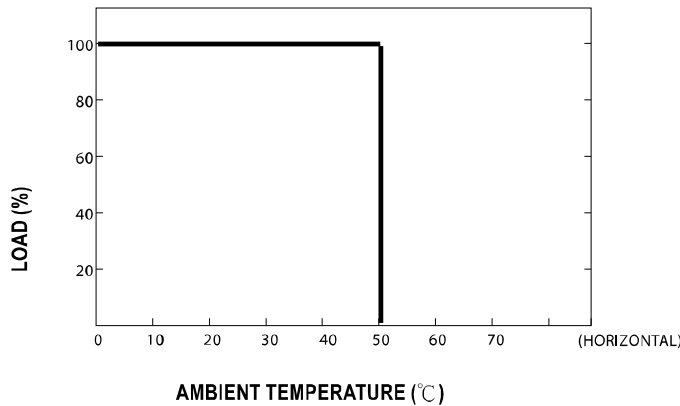
Weight (pounds):

0.68

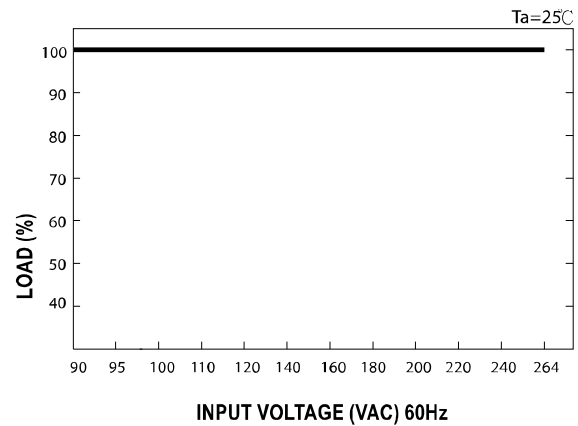


ID 2.1 x OD 5.5

Derating Curve



Static Characteristics



Download this Specification:

<http://www.powergatellc.com/pdfs/GS40A.pdf>

Download Detailed Specs:

<http://www.meanwellusa.com/search/g40a/default.htm>